List of Pages and Lines Exempt from Disclosure

Task Ord	Task Order 18 – Task Order and Modifications									
Modification 0001	Estimated Costs	Delete the values associated								
Modification 0002	Fixed Fee Amounts	with the estimated costs and								
Modification 0003		fixed fee amounts. These								
Modification 0004		deletions are essential to								
Modification 0005		prevent a competitor from								
Modification 0007		obtaining access to SAIC								
Modification 0008		confidential financial								
Modification 0010		information critical to our								
Modification 0011		proposal effort. Release of								
		this data could give a								
		competitor an unfair								
		advantage in future								
		procurements by allowing								
		them to underbid SAIC.								

7	Task Order 18 - Cost Proposal										
Tasks 1-7 - 2 Pages	All lines	Delete the values associated									
Tasks 1-7 - 2 Pages Task 8 – 2 pages	All lines All lines	with the price, total contract amounts, pricing rates, hours, estimated costs and fixed fee amounts. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a									
		competitor an unfair									
		advantage in future									
		procurements by allowing									
		them to underbid SAIC.									

Task Order 18 - Task Management Plan									
TMP 05-TOS-18 CLIN 2 These pages describe									
Page 2	Lines 11-32	SAIC's technical approach							
Page 3	Lines 9-38	for accomplishing the TAO							
Page 4	Lines 17-38	Support project SOW. This							
Page 5	Lines 5-7, 25-38	approach is a result of							

	T	10.10
Page 6	Lines 36-44	SAIC's own creative
Page 7	Lines 1-5, 14-43	knowledge and experience
Page 8	Lines 1-4, 10-26, 35-38	and is not publicly
Page 9	Lines 1-29, 35-43	available. Release of this
Page 10	Lines 9-17, 34-41	confidential information
Page 11	Lines 1-3, 32-44	would cause substantial
Page 12	Lines 1-3, 21-43	harm to SAIC's competitive
Page 13	Lines 1-9, 22-36	posture on future
Page 16	All lines	procurements by allowing
		competitors to duplicate this
TMP-05-TOS-18 0001-v3	,	technical approach to
Page 2	Lines 20-42	SAIC's detriment.
Page 3	Lines 1-44	
Page 4	Lines 13-19, 22-38	
Page 5	Lines 33-42	
Page 6	All lines	
Page 7	All lines	
Page 8	Lines 1-32	
Page 9	Lines 11-42	
Pages 10-11	All lines	
Page 12	Lines 1-4	
Pages 16-18	All lines	
Page 19	Lines 1-23	
·		
TMP 05-TOS-18 CLIN 2		Delete the names of SAIC
Page 17	Lines 4-5	personnel. Release of the
		names of SAIC personnel
TMP-05-TOS-18 0001-v3		would allow competitors
Page 19	Lines 29-32	the ability to contact these
-		personnel for the purpose of
		pirating them away from
		SAIC, thereby harming our
		competitive position.
	L	

Task Order 18 - Work Breakdown Structure/GANTT										
(1) WBS – Mod 8	All Pages (1)	Delete SAIC's estimated								
(2) GANTT Tasks 1-7,	All Pages (4)	hours for the described								
dated 8/19/05	,	taskings. This deletion is								
(3) WBS Tasks 1-7, dated	All Pages (4)	essential to prevent a								
8/19/05	·	competitor from obtaining								
(4) WBS Task 8, dated	All Pages (1)	access to SAIC confidential								
8/19/05		pricing information critical								
(5) GANTT Task 8, dated	All Pages (1)	to our proposal effort.								
8/19/05		Release of this data could								

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	give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

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)001	TASK ORDER 05-TOS-18-TAO OPERATION AND ENGINEERING TRANSITION SUPPORT		1 Л	В		729,26	1.50	·	729,2	261.50	
	The intent of this line item is to cover a so of indefinite tasks associated with this promise line item is to be triggered by operating the needs and exercised by the Contracting O with a bilateral agreement between the Government and the Contractor by way or issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering a operational support required for achieving NDBC's full spectum of climate measurement on the TAO Buoys.	oject. ional fficer f d and									
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AMENDMENT OF SOLICITAT	ION/MODIF	ICATIO	N OF CONT	RACT	1. Contract IE	1. Contract ID Code		
2. Amendment/Modification No.	3. Effective	Date	4. Requisition/Pu	rchase Red	q. No.	5. Project	No. (if applic	able)
0001	Nov 30, 20	05]		
6. Issued By	Code WG95	3023	7. Administered E	By (If other t	han Item 6)		Code	
NATIONAL DATA BUOY CENTER			SEE BLOCK 6				٠.	
SOURCES BRANCH /W/OPS53	•		·					
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STENNIS SPACE CENTER, MS 39529-60								
TIMOTHY D. BLACK 228-688-2382		0 1 1	.L	Toolor	Amendment of	f Calialtatian		
8. Name and Address of Contractor (No., Street	, County, and Zip	Coae)		(X) 9A.	Amendment o	1 Solicitation	INO.	
SCIENCE APPLICATIONS INTERNATION	ONAL CORP	Vendor	ID: 00004157	9B.	Date (See Iten	n 11)		
10260 CAMPUS POINT DRIVE		DUNS:	148095086					
MAIL STOP G2				10A	. Modification o	of Contract/O	rder No.	
SAN DIEGO CA 921211578		CAGE:	0T5L1	L. OA	1330-05-CQ-	1035 0018		
SAN DIEGO CA 921211378	14,	0.102.	01021	1 X	Date (See Ite.			
				\$ I	22, 2005			
	T111 C			Госр	22, 2003			
Code	Facility Code	DDI IEO TO	A MENIONENTO O	E COLICIT	ATIONIC	,		
			O AMENDMENTS C					
The above numbered solicitation is amended	as set forth in ite	m 14. The	hour and date speci	tied for rec	elpt of Offers		led [[]] is not	
Offers must acknowledge receipt of this amendme	int prior to the hou	ur and date	specified in the soli	citation or a	as amended, b	y one of the f	ollowing met	noas:
(a) By completing items 8 and 15, and returning			nent; (b) By acknow					
submitted; or (c) By separate letter or telegram wh	ich includes a ref	erence to tl	he solicitation and a	mendment	numbers. FAIL	.URE OF YO	UR ACKNOV	VLEDG-
MENT TO BE RECEIVED AT THE PLACE DESIG	NATED FOR THE	E RECEIPT	TOF OFFERS PRIC	OR TO THE	HOUR AND D	ATE SPECIF	FIED MAY R	ESULT
IN REJECTION OF YOUR OFFER. If by virtue of t	his amendment y	ou desire t	o change an offer al	ready subr	nitted, such cha	ange may be	made by tele	egram or
letter, provided each telegram or letter makes refer	rence to the solici	tation and t	this amendment, an	d is receive	ed prior to the o	pening hour	and date spe	cified.
12. Accounting and Appropriation Data (if require								
See Schedule \$ US 0.00	5 ,							
13 THIS IT	TEM APPLIES ON	NLY TO MO	DIFICATIONS OF	CONTRAC	T/ORDERS.			
IT MODI	FIES THE CONT	RACT/ORI	DER NO. AS DESCI	RIBED IN I	TEM 14.			
(x) A. This change order is issued pursuant to: (Specify authority)	The chan	ges set forth in item	14 are ma	de in the Contr	act Order No	. in item 10A	
B. The above numbered Contract/Order is mo	odified to reflect th	ne administ	rative changes (suc	ch as chan	ges in paying o	ffice, appropr	riation date, e	etc.)
Set fourth item 14, pursuant to the authorit	y of FAR 43.103	(b)						
C. This supplemental agreement is entered in								
X CLIN 0001 - TAO Operation and En	gineering Trans	sition Sup	port					
D. Other (Specify type of modification and aut	hority)							
E. IMPORTANT: Contractor is not, X is	required to sign t	his docume	ent and return 3 cop	ies to the i	ssuing office.	•		
1. Description of Amendment/Modification (Organiz	ed by UCF section	n headings	s, including solicitation	on/contract	subject matter	where feasit	ole.)	
. Dood provide the second seco	-	_						
Ti	o octivate a t	ack unde	er CI INI 0001			•		
. The purpose of this modification is t	o activate a t	ask unu	ei Chiin 0001.					
. See Page 2 for the details of this task	t. The Task I	Manager	ment Plan is at	tached to	o this modi	fication.	•	
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TTI	oine mahan	500						
. The total value of this task order rem	iams uncmang	geu.						
					•			
				•				
Except as provided herein, all terms and conditions of the do	ocument referenced	in item 9A o	r 10A, as heretofore ch	anged, rem	ains unchanged a	ind in full force	and effect.	
			16A. Name and					
15A. Name and Title of Signer (Type or Print)			1		macang Officer			
			TIMOTHY D.			228-	688-2382	
۸			Contracting O:					
$\mathbf{x} \in \mathcal{A}$			tim.black@no:					
B. Contractor/Offeror	15C. Date :	Signed	16B. United Sta	tes-of-Ame	rica (16C. Date S	igned
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(Giorbitics of across outborized to gion)	- ///	10 / 0 ×	(Signatu	re of Contr	acting Officer)	·	Nov 30, 200	JO
(Signature of person authorized to sign)	1	·				OPM 30 (DE)	/ 10-831	
NSN 7540-01-152-8070		3	0-105		STANDARD	ORM 30 (REV	. 10-00)	

4111

Item No.	Supplies/Services	CHEDULE Quantity	Unit	Unit Price	Amount
Ö001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT	1	JB	729,261.50	729,261.50
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectum of climate measurments on the TAO Buoys.	·			
	CPFF				
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46				
	INFORMATIONAL SUB-CLIN				
)001AA	TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE DESIGN, INTEGRATION, AND TESTING OF TAO BUOYS			NSP	NSP
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/01/2005-09/30/2006.				
	CPFF				
	The funds allotted to accomplish this task is \$404,418.64. The fixed fee for this task is				
				·	

				14	jan		
AMENDMENT OF SOLICITATION	N/MODIFICATIO	N OF CONTRA	CT	1. Contract IE	Code	Page 1	of Page:
2. Amendment/Modification No. 0002	3. Effective Date Dec 29, 2005	4. Requisition/Purchas		. No.	5. Projec	t No. (if appli	cable)
6. Issued By NATIONAL DATA BUOY CENTER OURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-600 TIMOTHY D. BLACK 228-688-2382	Code WG953023	7. Administered By (If SEE BLOCK 6	other th	nan Item 6)		Code	
8. Name and Address of Contractor (No., Street, C	County, and Zip Code)	(X)	9A.	Amendment o	f Solicitation	n No.	
SCIENCE APPLICATIONS INTERNATION 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578		ID: 00004157 148095086 0T5L1 X	10A. QA1 10B.	Modification of 330-05-CQ-Date (See Ite. 22, 2005	of Contract/ 1035 001	-	
Code	Facility Code						
A. This change order is issued pursuant to: (Sp. B. The above numbered Contract/Order is mod	copies of the amendration includes a reference to the ATED FOR THE RECEIP is amendment you desire the total three to the solicitation and the solicitation a	nent; (b) By acknowledgine solicitation and amend OF OFFERS PRIOR TO change an offer already this amendment, and is reported to the compact of the compact o	ing rec dment O THE y subm receive ITRAC D IN I	eipt of this ame numbers. FAIL HOUR AND D nitted, such cha d prior to the o T/ORDERS. TEM 14. de in the Contr	endment on URE OF YOU DATE SPEC enge may b pening hou act Order N	n each copy of OUR ACKNO CIFIED MAY is made by tear and date spanson to the contract of the co	of the offer DWLEDG- RESULT elegram or pecified.
Set fourth item 14, pursuant to the authority C. This supplemental agreement is entered into	of FAR 43.103 (b) pursuant to authority of:				·····		
CLIN 0001 - TAO Operation and Engi D. Other (Specify type of modification and author)		port					
E. IMPORTANT: Contractor is not, X is re	quired to sign this docume	ent and return 3 copies to	o the is	ssuing office.			
Description of Amendment/Modification (Organized) The purpose of this modification is 10		•	ontract	subject matter	where feas	sible.)	
See page 2 for the details of these task. The total value of this task order remainst		gement Plans are a	attach	ned to this 1	nodifica	tion.	
xcept as provided herein, all terms and conditions of the docu	ment referenced in item 9A o	r 10A, as heretofore change	ed, rema	ins unchanged a	ind in full forc	e and effect.	•
5A. Name and Title of Signer (Type or Print) manda Carey ontracts Representative		16A. Name and title TIMOTHY D. BL. Contracting Office tim.black@noaa.ge	of Con ACK :	tracting Office	r (Type or F	Print) 8-688-2382	
SB. Contractor/Offeror	15C. Date Signed 12/29/05	16B. United States of		,		16C. Date Dec 29, 20	-
(Signature of person authorized to sign).		(Signature of	Contra	cting Officer)		1	

NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE 30-105

STANDARD FORM 30 (REV. 10-83)

Item No.	Supplies/Services	CHEDULE Quantity	Unit	t Unit F	Price	Amount
		Quantity				
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT		1 JB		29,261.50	729,261.50
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs an exercised by the Contracting Officer with a	d				
	bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for					
	achieving NDBC's full spectum of climate measurments on the TAO Buoys.					·
	CPFF					
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04					
	14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46					
0001AB	INFORMATIONAL SUB-CLIN TAO OPERATION AND ENGINEERING TRANISITION SUPPORT FOR THE FABRICATION OF TAO ATLAS HULLS				NSP	NSP
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/31/2006.		·			•
	CPFF					
	The funds allotted to accomplish this task are \$94,289.89. The fixed fee for this task is					
 0001AC	INFORMATIONAL SUB-CLIN TAO OPERATION AND ENGINEERING TRANISITION SUPPORT FOR THE INTEGRATION AND DEPLOYMENT OF A 1.8M BUOY WITH PIRATA ARRAY	,			NSP	NSP
·	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-09/30/2006.					
	CPFF.					
	The funds allotted to accomplish this task are \$32,615.87. The fixed fee for this task is	·				

O A decent (N # - diffraction No	3. Effective		4. Requisition/Pur			5. Projec	t No. (if applicable)
2. Amendment/Modification No.	Feb 2, 200		NWWG9500-6-				
0003			7. Administered B				Code
6. Issued By	Code WG95	03023	SEE BLOCK 6	y (o	J. 11.2		
NATIONAL DATA BUOY CENTER			SEE BLOCK 0				
OURCES BRANCH /W/OPS53							
BUILDING 1100	4000				•		•
STENNIS SPACE CENTER, MS 39529-	6000						
TIMOTHY D. BLACK 228-688-2382			<u> </u>	Loo	A. Amendmen	t of Colinitation	n No
8. Name and Address of Contractor (No., Stre	et, County, and Zip	Code)		(X)	A. Amenamen	(OI SUIICILALIO	11 140.
	NONLL CODD	3.7 J	. 10. 00004157		B. Date (See It	tem 11)	
SCIENCE APPLICATIONS INTERNAT	IONAL CORP		ID: 00004157		D. Date (CCC //	10/11/1/	•
10260 CAMPUS POINT DRIVE		DON2:	148095086	-	0A, Modificatio	n of Contract/	Order No.
MAIL STOP G2	. ,	O A CE	omei 1	1 1)A1330-05-C		
SAN DIEGO CA 921211578		CAGE:	012[1		0B. Date (See		
				1 1	•	nem 15)	
· ·					Sep 22, 2005		
Code	Facility Code	ADDLIEC TO	O AMENDMENTS C	E SOL	CITATIONS		
11.	IHIS HEW UNLY	om 14 The	bout and date spec	ified for	receipt of Offer	s is exte	nded is not exter
The above numbered solicitation is amend Offers must acknowledge receipt of this amendr	ed as set forth in its	em 14. The	nour and date speci specified in the sol	icitation	or as amended		
Offers must acknowledge receipt of this affection	conies of	the amend	ment: (h) By acknow	/ledaino	receipt of this a	amendment o	n each copy of the of
(a) By completing items 8 and 15, and returning submitted; or (c) By separate letter or telegram with the complete submitted and	Copies of	forence to t	the colicitation and a	mendr	ent numbers. F.	AILURE OF Y	OUR ACKNOWLED
submitted; or (c) By separate letter or telegram of MENT TO BE RECEIVED AT THE PLACE DES	WOLLD INCLUDES A TE	HE DECEID	T OF OFFERS PRICE	OR TO	THE HOUR AN	D DATE SPE	CIFIED MAY RESUL
MENT TO BE RECEIVED AT THE PLACE DES IN REJECTION OF YOUR OFFER. If by virtue of	oldNATED FOR TE	vou desire i	to change an offer a	lready s	submitted, such	change may l	be made by telegram
IN REJECTION OF YOUR OFFER. If by virtue of letter, provided each telegram or letter makes re	of this amendment	you desire	this amendment an	d is rec	eived prior to th	e opening ho	ur and date specified
letter, provided each telegram or letter makes re	eletence to the solic	Sitation and	this affectionicia, and		on our prior to an		
12. Accounting and Appropriation Data (if requ	urea)						
See Schedule \$ US 0.00							
12 TUIC	TEM APPLIES O	M OT Y IM	ODIFICATIONS OF	CONTI	RACT/ORDERS	i.	
13. THIS	DIFIES THE CON	TRACT/OR	ODIFICATIONS OF DER NO. AS DESC	RIBED	IN ITEM 14.	•	
13. THIS	DIFIES THE CON	TRACT/OR	DER NO. AS DESC	RIBED	IN ITEM 14.	•	No. in item 10A.
13. THIS IT MC A. This change order is issued pursuant to	DDIFIES THE CON Control (Specify authority	TRACT/OR y) The char	DER NO. AS DESC nges set forth in item	RIBED 14 are	IN ITEM 14. made in the Co	ontract Order	
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NSN 7540-01-152-8070

30-105C

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

*	SC	HEDULE	· · · · · · · · · · · · · · · · · · ·		
Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT]	JB	729,261.50	729,261.50
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The				
	tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectum of climate measurments on the TAO Buoys.				
	CPFF				
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46	. •			
1	INFORMATIONAL SUB-CLIN				
0001AD	TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE COMPLETION OF SR 6109	0	EA	NSP	NSP
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with your proposal dated 01/04/2006. The period of performance for this task is 01/06/2006-03-01-2006.				
	CPFF				
	The funds allotted to accomplish this task are \$12,482.00. The fixed fee for this task is				
				: .	

AMENDMENT OF SOLICITA	TION/MODIF	ICATIO	N OF CONT	RA	СТ	1. Contract II	D Code	Page 1	of Pages
2. Amendment/Modification No.	3. Effective Feb 7, 200		4. Requisition/Purchase Req. No. 5. Project No. (if approximately 100, 100, 100) NWWG9500-6-26870 60000380				cable)		
0004	Code WG95		111111111111111111111111111111111111111			Code			
6. Issued By	Code WO32	5025	SEE BLOCK 6	-) (01.101 1.1.				
NATIONAL DATA BUOY CENTER			SEE BLOCK 0						
ESOURCES BRANCH /W/OPS53						•			
BUILDING 1100	-6000							•	
STENNIS SPACE CENTER, MS 39529	-0000								
TIMOTHY D. BLACK 228-688-2382 8. Name and Address of Contractor (No., Str	eet County and Zin	Code	<u> </u>	(X)	9A. /	Amendment o	of Solicitation	1 No.	
1.	·	, 0000)		1.7				<u> </u>	
SCIENCE APPLICATIONS INTERNA	TIONAL CORP		· ID: 00004157	l	9B. [Date (See Ite:	m 11)		
10260 CAMPUS POINT DRIVE		DUNS:	148095086	ļ	ļ	<u> </u>			
MAIL STOP G2						Modification			
SAN DIEGO CA 921211578		CAGE:	OT5L1	X		330-05-CQ		8	
					l .	Date (See Ite	em 13)		
·				<u> </u>	Sep 2	22, 2005			
Code	Facility Code		· · · · · · · · · · · · · · · · · · ·						
11. The above numbered solicitation is amend	THIS ITEM ONLY	APPLIES T	O AMENDMENTS (OF SC	DLICITA	ATIONS	l lia auda	nded is n	ot ovlander
MENT TO BE RECEIVED AT THE PLACE DE- IN REJECTION OF YOUR OFFER. If by virtue letter, provided each telegram or letter makes r 12. Accounting and Appropriation Data (if requivalents) See Schedule \$ US 306,017.07 13. THI IT M A. This change order is issued pursuant to Set fourth item 14, pursuant to the auth C. This supplemental agreement is entered CLIN 0001 - TAO Operations and D. Other (Specify type of modification and	of this amendment per service to the solid cuired) SITEM APPLIES OF CONTROL (Specify authority of FAR 43.103 and into pursuant to an Engineering Tra	NLY TO M TRACT/OR The chait the adminis (b) Whority of:	this amendment, and this amendment a	CON CRIBE	y submeceived TRACT D IN IT	itted, such of diprior to the T/ORDERS. TEM 14. The in the Confidence of the Confide	opening hou	e made by te or and date sp No. in item 10	pecified.
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E. IMPORTANT: Contractor is not, X Description of Amendment/Modification (Org	is required to sign	inis docun	nent and return 3 co as, including solicita	tion/cc	ontract	subject matte	er where feat	sible.)	
The purpose of this modification appropriation data is new and must See page 2 for details of this task.	is to activate a st be added to t	task for he task (and add funds ord er .	to C	LIN	0001. Th	e accoun		
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1406D2KC4CWP003	6060901 ⁰ 0220	060000	950000002513	0000	0 \$3	06,017.07	7		
except as provided herein, all terms and conditions of t	he document reference	d in item 9A	or 10A, as heretofore	change	ed, rema	ins unchanged	and in full for	ce and effect.	
15A. Name and Title of Signer (Type or Print)			16A. Name ar	d title	of Cor	tracting Offic	er (<i>Type or</i>	Print)	

228-688-2382 TIMOTHY D. BLACK Amanda Carey Contracting Officer Contracts Representative tim.black@noaa.gov 16B_United States of America 16C. Date Signed 15C. Date Signed 15B. Contractor/Offeror 2020 2/13/05 02/13/06 (Signature of Contracting Officer) (Signature of person authorized to sign) STANDARD FORM 30 (REV. 10-83) 30-105 NSN 7540-01-152-8070 Prescribed by GSA FAR (48 CFR) 53.243

Item No.	Supplies/Services	SCHEDULE Quantity	Ur	it Unit Price	Amount
item No.			1		
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT		1 JB	1,035,278.57	1,035,278.57
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs an exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to	d .			
	Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectum of climate measurments on the TAO Buoys.				
	CPFF				
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.06.D2KC4CWP0036060901002.200600009500				
	14.06.D2RC4CWF0036060901002.200600009300 0000.25130000 US\$ 306,017.07 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46				
	INFORMATIONAL SUB CLIN	·			
001AE	TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH			NSP	NSP
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan. The performance period for this task is 02/01/2006 to 09/30/2006.				
	CPFF				
	The funds allotted to accomplish this task are \$306,017.07. The fixed fee for this task is				
		4			

AMENDMENT OF SOLICITAT				5. Project No. (il-applicable)
2. Amendment/Modification No	3. Effective Date	4. Requisition/Pi		o. Troject 140. (II applicable)
0005	May 25, 2006		······································	Code
& Jesued By	Code WG953023	1	By (if other than Issm 6)	Code
NATIONAL DATA BUOY CENTER		SEE BLOCK (•
RESOURCES BRANCH /W/OPS53		į		
BUILDING 1100				
STENNIS SPACE CENTER, MS 39529-60	000			
WIND'T C WEIL BAECHER 228-088-2822				andro de la companya
8. Name and Address of Contractor (No. Street	County, and Zip Code)		(X) 9A. Amendment	of Solicitation No.
SCIENCE APPLICATIONS INTERNATION	NAL CORPO Vendo	or IID: 00004157	9B. Date (See Ite	m 11)
10260 CAMPUS POINT DRIVE	DUNS	5: 148095086		
MAIL STOP G2				of Contract/Order No.
SAN DIEGO CA 921211578	CAGE	: 0T5L1	X QA1330-05-CQ	
SAN DIBOO CA 3212112			10B, Date (See III	em 13)
·			Sep 22, 2005	
Codo	Facility Code	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>	······································
Code 11. TH	IS ITEM ONLY APPLIES	TO AMENDMENTS	OF SOLICITATIONS	
	The state of the s	whom and data case	ition for receipt of Otters	is extended is not exter
Offers must acknowledge receipt of this amendme	nt ariat in the COUL ADD DE	is angringe in the ac	included of the contract of	-,
	ich includes a reference to	the solicitation and	emendment numbers. FA	ILURE OF YOUR ACKNOWLED
IN REJECTION OF YOUR OFFER, if by virtue of the letter, provided each telegram or letter makes refer to the control of the con	ence to the solicitation and	this amendment, a	nd is received prior to the	opening hour and date specified.
12. Accounting and Appropriation Data (if require	d)			
	EM APPLIES ONLY TO N FIES THE CONTRACT/O	MODIFICATIONS OF	CONTRACT/ORDERS.	
IT MODI	Caselly outbority. The obs	ennes sel forth in iter	n 14 are made in the Con	tract Order No. in item 10A.
B. The above numbered Contract/Order is mo	diffied to reflect the admini	stralive changes (su	ich as changes in paying	office, appropriation date, etc.)
i cartaveth kom 14 norskiani io ine aulnoni	V OI CHU 43. 109 (D)			
This supplemental agreement is entered in	to pursuant to authority of			•
X In scope change within the terms and	conditions of this task	order by mutal ag	reement.	
D. Other (Specify type of modification and aut	hority)			
1				
E. IMPORTANT: Contractor is not. X is	required to sign this docur	ment and return 3 co	pies to the issuing office.	a village for either 1
	ed by UCF section headin	gs, including solicital	non/contract subject matte on the contract of	sr where reasible.) 57 to \$1,260,672,44, with a
 Description of Amendment/Modification (Organized). The purpose of this modification is to in 	crease the contract va	alue of CLIN 00	JI Irom 51.055.276	37 to 51,209,072,44. with
impress of \$234 393.87.				•
The funded value of this task order remains	ins the unchanged.			
OTAL CLIN VALUE:				
Contract Value Fund	ed Value			
## ADE ADD 67 - \$1.03	5.278.57			
1041000.	\$0.00		,	
C1 070 470 44 \$1 02	5,278.57			
Current: \$1,269.672.44 \$1,03.				
more 1.5 min Cubatin A.A.	A E 16 02/24/2004	•		
. Change the POP end date in Subclin AA	-AE 10 03/24/2000.			
Except as provided herein, all terms and conditions of the do	cument referenced in item 9A	or 10A, as herelolare	changed, remains unchanged	i and in full force end effect.
15A. Name and Title of Signer (Type or Print)		, 16A. Name an	d little of Contracting Offic	er (Type or Print)
TOOL HERITO BITCH THE COLOR TO		Kurt C. Weill	paecher	
ROBIN R. AMBURN, Contracts	Manager	Contracting C		•
KODIN K. ALDOMI, CONCLUCED				
,			The second second second second	
and the second second	Comme Wille	S 1 1	Section 1	2 Δ
NOUN K. WINDUN	6 June 2000 i	744	- // subtill	21 fcm 09
(Signature of person authorized to signal		<u> I. / \ (Signal</u>	CROWN DESCRIPTION OF SH	

MSR 7540.01.152-8070 ten en rent het is over 30-466

STANDARD FORM 80 (REV 10-83)

		SCHEDULE Quantity	Unii	Unit Price	Amount
Item No.	Supplies/Services	T. Guanny			:
001AA	INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE DESIGN. INTEGRATION, AND TESTING OF TAO BUOYS		0 EA	0.00	0.00
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/01/2005-03/24/2006.				
	CPFF		1		· · · · · · · · · · · · · · · · · · ·
	The funds allotted to accomplish this task is \$148.656.02. The fixed fee for this task is This task is fully funded.				
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 USS 61.665.04 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 USS 86,990.98) 			
01AB	INFORMATIONAL SUB-CLIN TAO OPERATION AND ENGINEERING TRANISITION SUPPORT FOR THE FABRICATION OF TAO ATLAS HULLS		0 EA	0.00	0.00
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.				
	CPFF	: !			
Marine and the second s	The funds allotted to accomplish this task are \$74,872.73. The fixed fee for this task is This task is fully funded.				
	Accounting and Appropriation Data. 14.05.C2RC4BCPW734010704012.200600009500 0000.25130000 US\$ 74.872.73				
IAC -	INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANISITION SUPPORT FOR THE	0	EA .	0.00	0,00

Phis line new shell serve as a Terrain. Proceed of the feet the floor floor. Percent of the feet and

Item No.	Supplies/Services	SCHEDULE Quantity	Unil	Unit Price	Amount
igin NG.	materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.				
	CPFF				
	The funds allowed to accomplish this task are \$61,524.92. The fixed fee for this task is This task is fully funded.	,			
	Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 61,524.92				
)1AD	INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE COMPLETION OF SR 6109	0	EA	0.00	0.0
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with your proposal dated 01/04/2006. The period of performance for this task is 01/06/2006-03/24/-2006.				
	CPFF				
	The funds allotted to accomplish this task are \$5,970.00. The fixed fee for this task is This task is fully funded.				
	Accounting and Appropriation Data: 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 5,970.00				
AE :	INFORMATIONAL SUB CLIN FAO OPERATION AND ENGINEERING FRANSITION SUPPORT FOR TAO SOFTWARE REFRESH	0	БА	0.00	0.00
. n w	This line item shall serve as a Notice to Proceed NTP) for this effort. Provide all labor and naterials to accomplish this task in accordance with the attached Task Management Plan. The performance period for this task is 02/01/2006 to 03/24/2006.			entremente en	
T.	he funds allotted to accomplish this task are 5,076.45. The fixed fee for this task is fully funded.	The second of th			
1	recounting and Appropriation Data	. !	.	;	

SCHEDULE

Item No	Supplies/Services	Quantity	Unit	Unit Price	Amount
Henri 140	0000.25130000		!		
	US\$ 6.076.45	<u>:</u> :	:		
	INFORMATIONAL SUBCLIN	o	EA	0.00	0.00
1001AF	TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE	v	i Lin		
•	REFRESH				
	RELIGIO.		i		
	This line item shall serve as a	•			÷
	continuation consolidation of task order 3 and				
	subclins 1-5 within task order 18. In addition, this				
	line item shall provide all labor and materials to				
	support design, fabrication, intergration and deployment of TAO buoys and software				
	modifications.	1			
	The performance period for this task is 03/25/2006		;		
	to 03/31/2007.		:		
			1		
	CPFF				
	The total value to accomplish this task are		-		
	\$972.572.32. The fixed fee for this task is		-	,	
•	This mak is incommental funded.				
	0001AF SUB-CLIN TOTAL:				
	Pervious: \$0.00 \$0.00				
	This Action: \$972.572.32 \$738.178.45		-		·
	Current: \$972.572.32 \$738,178.45		ĺ		
		• [-		
	A consider and Appropriation Data:				
	Accounting and Appropriation Data: 14.06.D2KC4CWP0036060901002.200600009500	-			
	0000.25130000	1	1		
	US\$ 306,017.07		ĺ		
	14.05.C2KC4BCPW734010704012.200600009500		-		
	0000.25130000				
÷	US\$ 432.161.38		1		
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AMENOM	ENT OF SOLICITAT	ION/MODIFICAT	ION OF CONT	rac'	T 1. Contrac	t ID Code	Page 1	of Pag
2. Amendment/N	Modification No.	3. Effective Date Jul 7, 2006	4. Requisition/P		Req. No.	5. Project	No. (if appli	
6. Issued By		Code WG953023	7. Administered	The State of the S	er than Item 6)	l	Code	
	ATA BUOY CENTER		SEE BLOCK 6	-	,			
	BRANCH/W/OPS53							
BUILDING 11		•						
STENNIS SPA	CE CENTER, MS 39529-6 CAREY 228-688-1705	000						
	dress of Contractor (No., Street	t, County, and Zip Code)		(X) 9	A. Amendmen	t of Solicitation	No.	
	LICATIONS INTERNATION		lor ID: 00004157	9	B. Date (See It	'em 11)	. 4-	
	S POINT DRIVE	. DUN	IS: 148095086	-	0.4 Marelification	1 01 0	Durlay Nia	
MAIL STOP G		CAG	E: 0T5L1		0A. Modificatio (A1330-05-C)			
SAN DIEGO C.	A 921211578	CAG	E: UI JLI	1 X	OB. Date (See)	
			•	1 I	ep 22, 2005	nem roj		
Code		Facility Code		1 1 2	-p -=, == 00			
	11. TI-	IIS ITEM ONLY APPLIES	TO AMENDMENTS	OF SOLI	CITATIONS			
Offers must ackno (a) By completing is submitted; or (c) B MENT TO BE RECION OF	umbered solicitation is amended whedge receipt of this amendme items 8 and 15, and returning y separate letter or telegram who ceived at THE PLACE DESIGE YOUR OFFER. If by virtue of the telegram or letter makes referonder whe was referenced to the second of the second	ent prior to the hour and d copies of the ame ich includes a reference t NATED FOR THE RECE this amendment you desir	ate specified in the so ndment; (b) By acknow to the solicitation and a IPT OF OFFERS PRI re to change an offer a	licitation of wledging amendme OR TO T already su	or as amended, receipt of this a ent numbers. FA HE HOUR AND ubmitted, such o	by one of the mendment on ALURE OF YOU DATE SPECTO thange may be	each copy o DUR ACKNO IFIED MAY I e made by te	of the offe DWLEDG RESULT elegram o
	d Appropriation Data (if require							
See Schedule \$	US 234,393.87					······································		
		TEM APPLIES ONLY TO FIES THE CONTRACT/C						,
A This chance	ge order is issued pursuant to: (Specify authority) The ch	nanges set forth in item	n 14 are r	nade in the Cor	ntract Order No	o, in item 10	Ä.
3	,	,						
B. The above	numbered Contract/Order is mo	odified to reflect the admir	nistrative changes (su	ich as ch	anges in paying	office, approp	riation date,	etc.)
Set fourth	item 14, pursuant to the authoritemental agreement is entered in	ry of FAH 43.103 (b)	f•				······································	
V 1	withing the terms and condi			ent.				
	ecify type of modification and aut		<u> </u>					
		••						
E. IMPORTANT:		required to sign this docu						
	nendment/Modification (Organiz			ion/contra	act subject matt	er where feasi	ble.)	
	g funds have been adde							
1406D8M6J	11PPM3704040600120	0600009500000002	5130000 \$234,3	393.87				
	value of this task order is	s changed as follov	vs:					
OTAL CLIN V		T	7 7 - 1					
	Contract Value		ed Value					
revious	\$1,269,672.44	•	5,278.57					
his Action	- 0-		4,393.87					•
urrent	\$1,269,672.44	\$1,26	9,672.44					
Except as provided here	ein, all terms and conditions of the do	ocument referenced in item 9	A or 10A, as heretofore c	hanged, re	emains unchanged	and in full force	and effect.	
	e of Signer (Type or Print)		16A. Name and					
BONNIEC		•	MARION VE		-		-441-6647	
	173 REPRESENTATION		Contracting O	fficer				
-0/4//-/-	-,4/////		Marion.Veber					
6B. Contractor/Offe	eror /	15C, Date Signed	16B. United Sta	ates of An	nerica		16C. Date	Signed
" Dixi	el Darnen	_ _ _	or lan	on V	elec!		7/0.	10
(Signature of	f person authorized to sign)	1/27/04		re of Cor	ntracting Officer)	(/20/	06
	70		20 105		STANDARD	EODM SO (DE	v to oor	

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (REV. 10-83)

Item No.	· , 	CHEDULE Quantity	Unit	Unit Price	Amount
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT	1	JВ	\$1,269,672.44	\$1,269,672.44
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectum of climate measurments on the TAO Buoys.				
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.06.D8M6J11PPM37040406001.2006000095000 000.25130000 US\$ 234,393.87 14.06.D2KC4CWP0036060901002.200600009500 0000.25130000 US\$ 306,017.07 14.05.C2KC4BCPW734010704012.200600009500 0000.25130000 US\$ 667,596.46				

AMENDMENT OF SOLICITATI	ON/MODIFICATION	ON OF CONT	RACT	1. Contract ID	Code	Page	of Pages
2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pu		 eq. No.	5. Project No.	i 1 . (if applic	<u> </u>
	Sep 1, 2006	NWWG9500-6			1	·	
0007 6. Issued By	Code WG953023	7. Administered E		than Item 6)	Co	de	
TIONAL DATA BUOY CENTER		SEE BLOCK 6		•			
RESOURCES BRANCH /W/OPS53							
BUILDING 1100			•				
STENNIS SPACE CENTER, MS 39529-60	000	·			•		
AMANDA M. CAREY 228-688-1705	, .		- 				
8. Name and Address of Contractor (No., Street,	, County, and Zip Code)		(X) 9A	. Amendment of	Solicitation No	•	
SCIENCE APPLICATIONS INTERNATION	NIAI CODDO Vendo	r ID: 00004157	9B	Date (See Item	111)		
SCIENCE APPLICATIONS INTERNATION	ODIISV OTNOS JAMIC	: 148095086		(000	, , ,		
10260 CAMPUS POINT DRIVE	D0110	. 1 100/2000	10/	A. Modification o	f Contract/Orde	er No.	
MAIL STOP G2 SAN DIEGO CA 921211578	CAGE	: 0T5L1	QA QA	1330-05-CQ-	1035 0018		
SAN DIEGO CA 921211370			X 10E	3. Date <i>(See Iter</i>	n 13)		
	•		Sej	22, 2005			
Code	Facility Code						
11. TH	IS ITEM ONLY APPLIES T	O AMENDMENTS (OF SOLICI	TATIONS		11-17-	
The above numbered solicitation is amended	as set forth in item 14. The	hour and date spec	ified for re	ceipt of Offers	is extended	is no	t extended
Offers must acknowledge receipt of this amendme	nt prior to the hour and dat	e specified in the sol dment; (b) By acknov	icitation of	as amended, by	one of the folio	sh copy of	the offer
(a) By completing items 8 and 15, and returning	copies of the amend	ment; (b) By acknow	wedying re	t numbers EAII	HOE OF VOLIE	S ACKNO	WIEDG-
submitted; or (c) By separate letter or telegram wh MENT TO BE RECEIVED AT THE PLACE DESIG	ich includes a reference to	the solicitation and a	IMENUME OD TO TH	E HOUR AND D	ATE SPECIFIE	D MAY R	FSULT
MENT TO BE RECEIVED AT THE PLACE DESIGN IN REJECTION OF YOUR OFFER. If by virtue of t	NATED FOR THE RECEIP	to change an offer a	Iready sub	mitted such cha	noe may be m	ade by tel	earam or
IN REJECTION OF YOUR OFFER. If by Virtue of the letter, provided each telegram or letter makes reference.	rence to the solicitation and	this amendment, ar	nd is receiv	ed prior to the o	pening hour an	d date spe	ecified.
letter, provided each telegram of letter makes leter	d)	and american, and					
12. Accounting and Appropriation Data (<i>if require</i> See Schedule \$ US 1,249,270.96							
13 THIS IT	TEM APPLIES ONLY TO M	ODIFICATIONS OF	CONTRA	CT/ORDERS.			
IT MODI	FIES THE CONTRACT/OF	RDER NO. AS DESC	HIBED IN	11EM 14.	act Order No. ir	item 10A	
A. This change order is issued pursuant to: (Specify authority) The cha	inges set form in hen	. 14 616 111	ade in the Conti	aot 01001 140. II	THOM TO	10
B. The above numbered Contract/Order is mo	odified to reflect the admini	strative changes (su	ich as cha	nges in paying o	ffice, appropria	lion date,	etc.)
Set fourth item 14, pursuant to the authorit	ty of FAH 43.103 (b)						
C. This supplemental agreement is entered in	nto pursuant to authority of:						
							
D. Other (Specify type of modification and aux	thority)	·tual agraemen	\t				
Scope is within the terms and conditi	required to sign this docur	y mutual agreemen	nies to the	issuing office			
E. IMPORTANT: Contractor is not, X is Description of Amendment/Modification (Organization)	required to sign this docui	as including solicitat	ion/contra	ct subject matter	where feasible	.)	
Description of Amendment/Modification (Organize	zed by OCF Section heading	gs, menaing contra	10,100,1110		.,,,	7	
. The value for 0001AF has been incre	oosad from \$072 57	2 32 to \$1 519	421 24	a net increa	se of \$546.	848.92.	As a
esult of this action, page 3 has been pro-	easeu 110111 4912,51	e of the change	In add	dition a revi	sed Task M	lanager	nent
esult of this action, page 3 has been pro	··· -1	e of the change	, 111 au	annon, a revi	boa Tabit II.		
lan has been provided to replace the or	nginai.						
				ф доо 400 О 4	. A a a maay	lt of th	:.
. Add CLIN 0002 to support the FY	2007 TAO Field Se	rvice in the am	ount of	\$ 702,422.04	. As a rest	iit Of tii.	15
action, page 4 has been provided as	a reference of the c	hange.					
				•			•
Except as provided herein, all terms and conditions of the d	courset referenced in item 9A	or 10A as beretofore o	chanoed, re	mains unchanged a	and in full force an	nd effect.	
	Occiment referenced in tell 97	16A Name an	d title of C	ontracting Office	r (Type or Prin	t)	
15A. Name and Title of Signer (Type or Print) BOWLIE BARNUM		MARION				, 141-664	.7
CONTRACTS REPRESENTATIVE		Contracting			151		•
CONTRACIS		Marion.Vel			•		•
10"	15C. Date Signed	16B. United St			116	C. Date S	Signed
5B. Contractor/Offeror	, 100. Date digited	mar	. 1	Well !		a/_	[,,
House of Jaran	9/14/04	1 /	- 1	tracting Officer)	 '	7/13/	00
(Signature of person authorized to sign)	114/00	(Signat	uie of COI	mading Officer)		· · · · · ·	

NSN 7540-01-152-8070

SF30 Continuation of Block Narrative

3. Obligate the following accounting and appropriations:

1406D2PS6U8PPM360609010012006000095000000025130000 \$ 453,067.00 \$96,933.00

1426D2PS6U8PPM36060901001200600009500000025130000

6D8M6JTPP0037040406003200600009500000025130000 \$165,987.89

1406D2KC4CWP0036060901002200600009500000025130000 \$283,928.03 \$ 249,355.04

1406D8R1DA1P1537030104000200600009500000025130000

TASK ORDER VALUE:

171011 0100221	Contract Value	Funded Value
Original Value Current Value Final Value	\$1,269,672.44 \$1,249,270.96 \$2,518,943.40	\$1,269,672.44 \$1,249,270.96 \$2,518,943.40
I III ai vaiao	* * *	

11-	SCHEDULE					
Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount	
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT		1 JB	1,816,521.36	1,816,521.36	
	COST PLUS FIXED FEE					
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectrum of climate measurements on the TAO Buoys.					
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)					
	CLIN 0001 Value Contract Value Funded Value Original Value \$1,269,672.44 Current Value \$546,848.92 Final Value \$1,816,521.36 Funded Value \$1,269,672.44 \$1,269,672.44 \$546,848.92 \$546,848.92 \$1,816,521.36					
	Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.2006000095000 000.25130000 US\$ 61,665.04 14.06.D2PS6U8PPM36060901001.2006000095000 000.25130000 US\$ 96,933.00 14.06.D8M6JTPP0037040406003.2006000095000 000.25130000 US\$ 165,987.89 14.06.D8M6J11PPM37040406001.2006000095000 000.25130000 US\$ 234,393.87 14.06.D2KC4CWP0036060901002.200600009500 0000.25130000 US\$ 589,945.10 14.05.C2KC4BCPW734010704012.200600009500					
0001AF	0000.25130000 US\$ 667,596.46 INFORMATIONAL SUBCLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE	1	JВ	0.00	0.00	
	REFRESH This line item shall serve as a continuation/consolidation of task order 3 and subclins 1-5 within task order 18. In addition, this line item shall provide all labor and materials to support design, fabrication, integration and deployment of TAO buoys and software					

	Supplies/Services	HEDULE Quantity	Unit	Unit Price	Amount
Item No.	modifications. The performance period for this task is 03/25/2006 to 03/31/2007.				
	CPFF				
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	The total value to accomplish this task are \$1,816,521.36. The maximum fee is and the minimum fee is This task is fully funded.			,	
	0001AF SUB-CLIN TOTAL: Contract Value Funded Value Previous: \$972,572.32 \$972,572.32 This Action: \$546,848.92 Current: \$1,519,421.24 \$1,519,421.24				
0002	Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support	1	JB	702,422.04	702,422.04
	COST-PLUS FIXED FEE	:			
_	In accordance with the attached TMP, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network.				
	The performance period for this task is 09/01/2006 to 09/30/2007.			·	
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	The total value to accomplish this task are \$702,422.04. The maximum fee is the minimum fee is This task is fully funded.				
	0002 CLIN TOTAL: Contract Value Funded Value Previous: \$0.00 \$0.00 This Action: \$702,422.04 \$702,422.04 Current: \$702,422.04 \$702,422.04				
		·			
	Accounting and Appropriation Data:	•			
.	14.06.D8R1DA1P1537030104000.2006000095000 000.25130000 \$ 249,355.04 14.06.D2PS6U8PPM36060901001.2006000095000 000.25130000 \$ 453,067.00				

AMENDMENT OF SOLICITATI	ON/MODIF	ICATIO	N OF CONT	RAC	CT . 1. Contract ID) Code	Page of Pages
	3. Effective I		4. Requisition/Put	chas	e Req. No.	5. Project I	No. (if applicable)
2. Amendment/Modification No.	Mar 30. 200		NWWG9502-7-				
0008	Code WG95		7. Administered B	y (if o	other than Item 6)	(Code
6. Issued By ATIONAL DATA BUOY CENTER			SEE BLOCK 6				
RESOURCES BRANCH /W/OPS53							
BUILDING 1100							
STENNIS SPACE CENTER, MS 39529-60	00				·		
AMANDA M CAREY 228-688-1705					T		<u> </u>
8. Name and Address of Contractor (No., Street,	County, and Zip	Code)		(X)	9A. Amendment o	1 Solicitation	No.
	NATI CODDO	Vandar	ID: 00004157		9B. Date (See Item	n 11)	
SCIENCE APPLICATIONS INTERNATION	INAL CORPO	DI IN S	148095086		02. 20.0 (200	,	
10260 CAMPUS POINT DRIVE		DONS.	140075000	-	10A. Modification	of Contract/C	order No.
MAIL STOP G2		CAGE:	0T5L1	1,	QA1330-05-CQ-	1035 0018	;
SAN DIEGO CA 921211578				Х	10B. Date (See Ite	m 13)	
]	Sep 22, 2005		
Code	Facility Code						
Code 11. TH	IS ITEM ONLY A	PPLIES TO	AMENDMENTS C	F SO	LICITATIONS	 	
The above numbered solicitation is amended	as set forth in ite	m 14. The	hour and date spec	ified fo	or receipt of Offers	is extend	ded is not extended
Offers must acknowledge receipt of this amendme	at prior to the bol	ir and date	specified in the 501		,,, 0, 00 0,,,0,,,0	.,	each copy of the offer
	ich includes a ref	erence to the	ne solicitation and a	meno	THE HOUR AND I	DATE SPECI	IFIED MAY RESULT
MENT TO BE RECEIVED AT THE PLACE DESIGNED IN REJECTION OF YOUR OFFER. If by virtue of the letter, provided each telegram or letter makes reference.	his amendment y	ou desire i	bis amandment an	id is re	ceived prior to the	openina hour	rand date specified.
letter, provided each telegram or letter makes refer	rence to the solici	nation and	unis amendment, an			- 1 0	·
12. Accounting and Appropriation Data (if require	a)						
\$ 304,081.40	TEM APPLIES OF	NLY TO MO	DIFICATIONS OF	CON	TRACT/ORDERS.		
E	CICO THE CONT	. D V C T IO DI	700 NM AS HESU	RIBE	1 / IIV 1 E IVI 14.	trad Order N	in item 104
A. This change order is issued pursuant to: (Specify authority,) The char	iges set forth in item	114 8	re made in the Con	Jack Older IA	o. In term Tox.
B. The above numbered Contract/Order is mo	- differd to reflect t	he adminis	trative changes (su	ch as	changes in paying	office, appror	priation date, etc.)
I could be authority to the authority	17 OI FAR 43, 103	(0)					
C. This supplemental agreement is entered in	nto pursuant to at	thority of:					
<u>'</u>							
D. Other (Specify type of modification and au	thority)	- · ·		4			
$-\Delta$ $-\epsilon_{AD}$ =0.042.2 CHANGES (COST R	FIMBURSEAR	BLE)		nios t	o the issuing office		
E. IMPORTANT: Contractor is not, X is 14. Description of Amendment/Modification (Organization)	required to sign	this docum	ent and return 3 co	ion/co	ontract subject matte	er where leas	sible.)
1. The purpose of this modification is t	- ahamaa TN	4D 0001	version 4 dat	ed (7/21/06 in ord	der to acc	ommodate
 The purpose of this modification is to additional work required. As a result of 	O Change IN	נטטט גע. תאמידי	, version i, ear	2 0	dated 03/27/07	is hereb	v incorporated
additional work required. As a result of	i this change	, IMP	000, VEISIOII.	2.0,	dated 05/27/07	, 16 1101 00	
into this Task Order.							
	.*		0.000.04.00	3 1 4	0 01 10 1000)1 A E Th	oroforo CITNI
a. The above change constitutes addition	onal funds in	the amo	unt of \$304,08	31.4	OD CTIN OOC)]AF.]]]	iererore, Cliff
2001 AF is housely changed from \$1.519	9.421.24. to \$	1.823.5	02.64. Feffectii	ng a.	il lilici case of a.	304,081.4	10.
Accounting: 1407E8M6J11PD5850404	0600120060	000950	000002513000	000	0000		
Accounting, 1-10/110112012							
•			484 1 -4-6		rd remains unchanges	sand in full for	ce and effect.
Except as provided herein, all terms and conditions of the d	iocument reference	o in item 9A	or TUA, as neretotore	-11:10 -11:10	of Contracting Office	er (Type or	Print)
15A. Name and Title of Signer (Type or Print)			16A. Name ar	o une	of Contracting Office	er (Type or	8 688-2382
BONNIE BAKNUM			MARILYN (22	0 000 2002
CONTRACTS REPRESENT	797716		Contracting (marilyn.clark				
		Cianad	16E. United St				16C. Date Signed
15B. Contractor/Offeror	15C. Date	: Dignec	111: - 0		Cir		
John Lune	- 1 2/3.	107	1 Millians		f Contracting Officer	·\	Mar 30, 2007
(Signature of person authorized to sign)	01,20	101	l (Signat	O auni) DEORM 30 (B	:mv 40 cc)

SF30 Continuation of Block Narrative	Page	2	of	3
SF30 Collingation of Diock Mariative				

- 2. The above changes constitute a new Task Order funded value of \$2,823,024.80.
- 3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

		CHEDULE Quantity	Unit	Unit Price	Amount
Item No.	Supplies/Services	Quantity	OTIK		
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT	1	JB	2,254,157.28	2,254,157.28
	COST PLUS FIXED FEE				
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectum of climate measurments on the TAO Buoys.				
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	This task is incrementally funded by \$2,120,602.76.	·			
	INFORMATIONAL SUBCLIN				
0001AF	TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH			NSP	NSP
	This line item shall serve as a continuation/consolidation of task order 3 and subclins 1-5 within task order 18. In addition, this line item shall provide all labor and materials to support design, fabrication, integration and deployment of TAO buoys and software modifications. The performance period for this task is 03/25/2006 to 09/30/2007.				
	CPFF				
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	The total value to accomplish this task are \$1,957,057.16. The maximum fee is and the minimum fee is This task is incrementally funded by \$1,823,502.64.				
;					

AMENDMENT OF SOLICITATION	ON/MODIF	ICATIC	N OF CONT	RAC	CT	1. Contract ID	Code	Page 1	of Pages
2. Amendment/Modification No.	3. Effective		4. Requisition/Pur			. Nc.	5. Project N	io. (if appli	_ ! -
0009	Mar 30, 20	07	NWWG9500-7-	1072	21				
6. Issued By	Code WG95	3023	7. Administered B	y (If c	other th	an Item 6)	. (Code	
ATIONAL DATA BUOY CENTER			SEE BLOCK 6						
RESOURCES BRANCH /W/OPS53									
BUILDING 1100									
STENNIS SPACE CENTER, MS 39529-600	00								
AMANDA M. CAREY 228-688-1705									
8. Name and Address of Contractor (No., Street,	County, and Zip	Code)		(X)	9A.	Amendment of	Solicitation I	V o.	
					0.0	Deta / Can Ham	. 11)		
SCIENCE APPLICATIONS INTERNATIO	NAL CORPO	Vendor	ID: 00004157		98.	Date (See Iten	1 1 1)		
10260 CAMPUS POINT DRIVE		DUNS:	148095086	<u> </u>	400	Modification of	f Contract/O	der No	
MAIL STOP G2		CLOT	omet 1	1	1	330-05-CQ-		der No.	
SAN DIEGO CA 921211578		CAGE:	012F1	Х		Date (See Ite			
				}		. 2005	11 13)		
	Filib. Code				Juli	, 2003			
Code	Facility Code	DDI IES TO) AMENDMENTS O	F SO	LICIT	ATIONS			
The above numbered solicitation is amended a	S ITEM UNLT A	m 14 The	hour and date speci	fied fo	or rece	int of Offers	is extend	ed is n	ot extende
Offers must acknowledge receipt of this amendmen	at prior to the ho	ur and date	specified in the soli	citatio	on or a	s amended, b			ethods:
Offers must acknowledge receipt of this amendmen	conies of t	the amendr	nent; (b) By acknow	/ledaiı	na rec	eipt of this am	endment on e	ach copy o	of the offer
(a) By completing items 8 and 15, and returningsubmitted; or (c) By separate letter or telegram whic	ch includes a ref	erence to t	ne solicitation and a	mend	lment.	numbers. FAIL	URE OF YO	UR ACKNO	OWLEDG-
submitted; or (c) By separate letter or telegram whit MENT TO BE RECEIVED AT THE PLACE DESIGN	NATED FOR TH	E RECEIP	OF OFFERS PRICE	OR TO	THE	HOUR AND E	ATE SPECIF	IED MAY	RESULT
MENT TO BE RECEIVED AT THE PLACE DESIGN IN REJECTION OF YOUR OFFER. If by virtue of th	vis amendment v	ou desire t	o change an offer al	ready	subm	itted, such cha	ange may be	made by te	elegram or
IN REJECTION OF TOOK OFFER. If by vinde of the letter, provided each telegram or letter makes refere	ence to the solici	itation and	this amendment, an	d is re	eceive	d prior to the c	pening hour	and date sp	pecified.
12. Accounting and Appropriation Data (if required	1)					•			
12. Accounting and Appropriation Data ("required \$ US 0.00	'/								
13 THIS IT	EM APPLIES OF	NLY TO MO	DIFICATIONS OF	CON	TRAC	NORDERS.			
. IT MODIF	IES THE CONT	RACT/ORI	DER NO. AS DESC	RIBEI	D IN I	EM 14.	ad Order No	in item 10	Δ
A. This change order is issued pursuant to: (S	Specify authority,	The char	iges set forth in item	114 8	re ma	je in the Conti	aci Older NC	. III Kem 10	· 7 .
B. The above numbered Contract/Order is more	different to and one of	ho odminis	trative changes (su	ch as	chanc	nes in navino d	ffice, approp	riation date	. etc.)
B. The above numbered Contract/Order is mo- Set fourth item 14, pursuant to the authority	onled to reliect to v of FAR 43.103	(b)	irative changes (su						
C. This supplemental agreement is entered int	to pursuant to au	uthority of:							
S. 712 2 2 F.F.									
D. Other (Specify type of modification and auth	hority)								ė
X FAR 52 243-2 CHANGES (COST RE	EIMBURSEAI	BLE)							
E IMPORTANT: Contractor is not. X is	required to sign	this docum	ent and return 3 cop	oies to	the is	ssuing office.			
Description of Amendment/Modification (Organize	ed by UCF section	on heading	s, including solicitati	ion/co	ntract	subject matte	where feasil	ble.)	
									_
. The purpose of this modification is to	incorpor at	e a revis	ed TMP, incre	ase 1	the v	alue of CL	.IN $0003A$	D and d	lecrease
ne value of CLIN 0003AF as follows:	,								
le value of Chit occorri de feme wer						•		•	
The Task Management Plan Mod 5, v	version A 1	dated 03	/12/07 re flects	cha	mges	in the del	iverable s	chedule.	is
The Task Management Flan Mod 3,	VCI 51011 7.1,	dated 05	/12/0/1011001	, 0110				,	
ereby incorporated into this Task Order	r.		200 (01 15			i	t &<2 U	00 00 00	o recult
CLIN 0003AD is hereby changed fro	m \$630,601	.17, to 3	693,601.17, re	eijec	ung	an increase	5 01 \$05,0	00.00 as	a resum
f a cost overrun. This increase represen	nts costs onl	y, witho	out fee.						
				,					
		d t- tt 06	404 as barelafors o	hanne	d rem	sine unchanged	and in full force	and effect.	
Except as provided herein, all terms and conditions of the do	ocument reference	a in item 9A	16A. Name an	مانند ام	of Col	atracting Office	Type or B	rint)	
15A. Name and Title of Signer (Type or Print))			macing Onice		688-2382) ,
BENING BARNOM			MARILYN C				220	000-2002	
CONTRACT RETRESENTATIVE			Contracting C						
			marilyn.clark					16C. Date	Signed
15B. Contractor/Offeror	15C. Date	Signed	IDE. United St	σι υ Σ 0	n Ame			TOU. Date	ာက်။ငေဂ
The I show		<i>;</i> .	Milial	<u> </u>		<u> </u>		Mar 30, 2	2007
" (Signature of person suthorized to sign)		40.7	(Signat	lo' əru	Contr	acting Officer)			

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NSN 7540-01-152-8070

SF30 Continuation of Block Narrative

Page 2 of 3

CLIN 0003AF is hereby changed from \$367,810.38, to \$304,810.38, reflecting a decrease of \$63,000.00 as a result of the above cost overrun.

2. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

		SCHEDULE	·			
Item,No.	Supplies/Services	Quantity	Unit	Unit Price	Amount	
003AD	TECHNOLOGY DEVELOPMENT AND REFRESH FOR NDBC OCEAN MEASUREMENT PROJECTS			NSP	NSP	
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP) version 4.1. The period of performance of this tais 05/12/2006 - 03/31/2008.	ısk				
	CPFF					
003AE	The funds allotted to accomplish this task are \$693,601.17. TECHNOLOGY DEVELOPMENT AND REFRESH FOR NDBC OCEAN MEASUREMENT PROJECTS			NSP	NSP	
	This line item is to cover a series of indefinite tast associated with TAO Operational and Engineering Transition Support. This line item will be triggered by operational needs and exercised by the Contracting Officer with a bi-lateral agreement between the Government and the Contractor by way of a issuance of a Notice to Proceed (NTP). The period of performance of this clin is 10/01/2006 - 03/31/2008.	g				
	TMP Version 4.0 - Task 5					
	CPFF					
	The funds allotted to accomplish this task are \$304,810.38.					
	• • • • • • • • • • • • • • • • • • • •					
				·		
					,	

				1. Contract IE	Code	Page	of Pages
AMENDMENT OF SOLICITATI	ON/MODIFICATI	ON OF CONT	RAC	CT		1	3
2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pu			5. Project	No. (if applic	cable)
0010	May 10, 2007	NWWG9502-7	-1156	56			
6. Issued By	Code WG953023	7. Administered I	∃y (lfo	other than Item 6).	•	Code	
ATIONAL DATA BUOY CENTER	•	SEE BLOCK 6					
ESOURCES BRANCH /W/OPS53				•			
BUILDING 1100							
STENNIS SPACE CENTER, MS 39529-60	000	·					
AMANDA M. CAREY 228-688-1705				·			
8. Name and Address of Contractor (No., Street,	County, and Zip Code)		(X)	9A. Amendment of	Solicitation	No.	
		•					
SCIENCE APPLICATIONS INTERNATION	NAL CORPO Vendo	or ID: 00004157		9B. Date (See Item	111)		
10260 CAMPUS POINT DRIVE	DUNS	S: 148095086					
MAIL STOP G2) ;	10A. Modification of			•
SAN DIEGO CA 921211578	CAGE	E: 0T5L1	$ _{\mathbf{X}}$	QA1330-05-CQ-			
DIN DIEGO GITTA			 ^^ .	10B. Date (See Iter	п 13)		•
·				Sep 22, 2005			
Code	Facility Code						
11. TH	S ITEM ONLY APPLIES	TO AMENDMENTS C	of so	LICITATIONS	·		
The above numbered solicitation is amended	as set forth in item 14. Th	e hour and date spec	ified fo	or receipt of Offers	is extend		ot extended
Offers must acknowledge receipt of this amendment	nt prior to the hour and da	te specified in the soi	icitatic	on or as amended, by	one of the f	toliowing me	ithods:
n	copies of the amen	dment; (b) By acknow	vieagir	ig receipt of this ame	enament on e	each copy o	THE ONE
submitted; or (c) By separate letter or telegram whi	ch includes a reference to	the solicitation and a	mend	ment numbers. FAIL	URE OF YO	OR ACKNO	WLEDG-
AND AT THE PLACE DESIGN	NATED FOR THE RECEI	PT OF OFFERS PRIC	JRIC	THE HOUR AND D	MIE SPEUI	LIED MAT L	VESOFI
IN REJECTION OF YOUR OFFER. If by virtue of the	his amendment you desire	to change an offer a	iready	submitted, such cha	inge may be	made by te	regram or
letter, provided each telegram or letter makes refer	ence to the solicitation an	d this amendment, an	o is re	eceived prior to the o	pening nour	and date sp	ecinea.
12. Accounting and Appropriation Data (if required	d)			•			
erie 103 951 05	EM APPLIES ONLY TO N	AODIEICATIONS OF	CONT	RACT/ORDERS			
IT MODII	FIES THE CONTRACT/O	RDFR NO. AS DESC	RIBE	O IN ITEM 14.			
A. This change order is issued pursuant to: (3)	Specify authority) The cha	anges set forth in item	14 ar	e made in the Contra	act Order No	o. in item 10/	۹.
H		•		•			
B. The above numbered Contract/Order is mo	dified to reflect the admin	istrative changes (su	ch as	changes in paying o	fice, approp	riation date,	etc.)
confount item 14 nursuant to the authoriti	y of FAR 43.103 (b)						
C. This supplemental agreement is entered in	to puisuant to authority or						
D. Other (Specify type of modification and aut.	hority)		·				
X FAR 52.243-2 CHANGES - COST F	REIMBLIRSEMENT						
	required to sign this docu	ment and return 3 cor	oies to	the issuing office.			
E. IMPORTANT: Contractor $ $ is not, $ X $ is Description of Amendment/Modification (<i>Organiza</i>	ed by UCF section headin	as, including solicitat	ion/coi	ntract subject matter	where feasil	ble.)	
. The purpose of this modification is to	o change TMP FV(7 Field Service	-m00	16 version 4. d	ated 09/1	3/06. in	order to
. The purpose of this modification is to commodate additional work required.	As a regult of this	ohonge TMP F	77707	Field Service	mod 9 V	ersion 1	dated
ecommodate additional work required.	As a result of this	change, 11vii 1	107		11100), 1	CIBIOII I,	darod
4/27/07, is hereby incorporated into thi	is Task Order.						
					·		
The above change constitutes additio	nal funds in the am	ount of \$103,83	32.00	on CLIN 0002	2. Theref	tore, CLL	N 0002
hereby changed from \$702,422.04, to	\$806,373.09, refle	cting an increas	e of	\$10 <i>3</i> ,931.03. <i>F</i>	Accountin	ng:	
407E8M6J11PD585040406001200600	009500000025130	000000000 \$10	3.95	1.05	•		
40/E8M0111PD38304040000120000	00,500000000000000000000000000000000000		- ,				
•	,						
		,	•		•		
Except as provided herein, all terms and conditions of the do	cument referenced in item 9A	or 10A, as heretofore o	hanged	d, remains unchanged a	nd in full force	and effect.	
15A. Name and Title of Signer (Type or Print)		16A. Name and	d title (of Contracting Officer	· (Type or P	Print)	
BELLINE INFRANCE		MARILYN C	LAR	K	228	688-2382	
CONTRACTS PEPRESCUTTETIVE		Contracting C					
Canarpa is 1.3 1		marilyn.clark(
D. Combrador/Official	15C. Date Signed	16B. United Sta				16C. Date	
15B. Contractor/Offeror		11.	-{(`ı,	Ω.	1	May 23. 2	003
Thomas Danne	- st/si/c7	-Wints	ire of	Contracting Officer)		May 1€. 2	UU /
(Signature of person authorized to sign)	1 - 15096 /	1 (Siñitsh	ال ي اد	Cornadany Cincer)			

NSN 7540-01-152-8070

PREVIOUS FDITIONS UNUSABLE

SF30 Continuation of Block Narrative Page 2 of 3

The above changes constitute a new Task Order funded value of \$3,060,530.37.

. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

-	SCHEDULE								
Item No.	Supplies/Services	Quantity	Uni	t l	Jnit Price	,	Amount	<u> </u>	
0002	Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support		1 JB		806,373.09	3	306,373.09		
	COST-PLUS FIXED FEE								
	In accordance with the attached TMP, modification 9, version 1, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network.								
	The performance period for this task is 09/01/2006 to 09/30/2007.		·						
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				·			,	
	The total value to accomplish this task are \$806,373.09. The maximum fee is the minimum fee is This task is fully funded.						į		
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		. ·							
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		. •							
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						·			
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-							,		

AMENDMENT OF SOLICITATION	/MODIFICATIO	N OF CONTE	RACT	1. Contract ID	Code	Page 1	of Pages
2. Amendment/Modification No.	3. Effective Date Jul 5, 2007	4. Requisition/Pure		q. No.	5. Project No	o. (if applic	
0011	Code WG953023	7. Administered By SEE BLOCK 6	y (If other	than Item 6)	Co	ode	
8. Name and Address of Contractor (No., Street, Con	unty, and Zip Code)		(X) 9A.	Amendment of	Solicitation No	.	
SCIENCE APPLICATIONS INTERNATIONA 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578	L CORPO Vendor	148095086	10A X QA 10B	Date (See Item Modification of 1330-05-CQ- Date (See Item 22, 2005	of Contract/Ord 1035 0018	er No.	
Code Fa	acility Code EM ONLY APPLIES TO		F 001 101	TATIONS			
The above numbered solicitation is amended as solicitation is amended as solicitation is amended as solicitation is amended as solicitation and returning submitted; or (c) By separate letter or telegram which important to BE RECEIVED AT THE PLACE DESIGNATION REJECTION OF YOUR OFFER. If by virtue of this attempt provided each telegram or letter makes reference to the solicitation of t	rior to the hour and date copies of the amenda ncludes a reference to the ED FOR THE RECEIPT	specified in the solid nent; (b) By acknowl ne solicitation and ar OF OFFERS PRIC ochange an offer all	citation or ledging re mendmen PR TO TH ready sub	as amended, but as a mended, but a menders. FAIL E HOUR AND Emitted, such characters.	URE OF YOU OATE SPECIFI ange may be π	R ACKNO ED MAY F nade by tel	WLEDG- RESULT legram or
13 THIS ITEM	APPLIES ONLY TO MO	DDIFICATIONS OF	CONTRAC	OT/ORDERS.		•	
IT MODIFIES A. This change order is issued pursuant to: (Spe	S THE CONTRACT/ORD	ges set forth in item	14 are m	ade in the Contr	act Order No.	in item 10A	٨.
B. The above numbered Contract/Order is modification 14, pursuant to the authority of C. This supplemental agreement is entered into pursuant (Specify type of modification and authority).	ed to reflect the administ FAR 43.103 (b) ursuant to authority of:						
E. IMPORTANT: Contractor X is not, is req	uired to sign this docum	ent and return		to the issuing of			
Description of Amendment/Modification (Organized). The purpose of this administrative model. CLIN 0001 4.06.D8M6JTP.P00.37.040406003.20060 4.06.D8R1DA1.P15.37.030104000.20060 4.06.D2PS6U8.PPM.36.060901001.20060	ification is to add	/remove the following the foll	llowing 0 \$(43° 0 \$244	g accounting 7,635.92) -,469.22			s from:
Except as provided herein, all terms and conditions of the docur	ment referenced in item 9A	or 10A, as heretofore c	hanged, rei	mains unchanged	and in full force a	and effect.	
ISA. Name and Title of Signer (Type or Print)		16A. Name and MARILYN C Contracting O marilyn.clark(d title of C LARK officer @noaa.go	ontracting Office	228 C	nt) 588-2382 6C. Date	Signed
Contractor/Offeror	15C. Date Signed	Job. United Sta	\wedge	Cul	i		
(Signature of person authorized to sign)	-	(Signate		tracting Officer)	J	ul 9, 200	

NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE SF30 Continuation of Block Narrative

). CLIN 0002

4.06.D8R1DA1.P15.37.030104000.2006000095000000.25130000.000000 \$(244,469.22)

4.06.D2PS6U8.PPM.36.060901001.2006000095000000.25130000.000000 \$(254,405.22) 4.07.E8M6J11.PD5.85.040406001.2006000095000000.25130000.000000 \$437,635.92

. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect. No 'alue change has been effected.

Item No.	Supplies/Services	HEDULE Quantity	Unit	Unit Price	Amount
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT	1	JB	2,254,157.28	2,254,157.2
	COST PLUS FIXED FEE				·
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectum of climate measurments on the TAO Buoys.				
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	The total value to accomplish this CLIN are \$2,254,157.28. This task is incrementally funded by \$2,254,157.28.				
002	Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support	1	JB	806,373.09	806,373.09
	COST-PLUS FIXED FEE			·	
	In accordance with the attached TMP, modification 9, version 1, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network. The performance period for this task is 09/01/2006				
	10 09/30/2007.				
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	The total value to accomplish this task are \$806,373.09. The maximum fee is the minimum fee is This task is fully funded.				

AMENDMENT OF SOLICITA	ATION/MODIFICATI					1 5
. Amendment/Modification No.	3. Effective Date	4. Requisition/Pu		eq. No.	5. Project	No. (if applicable)
0012	Sep 19, 2007	NWWG9503-7-				Code
i, Issued By	Code WG953023	7. Administered B	By (If othe	r than item 6)		Code
IONAL DATA BUOY CENTER		SEE BLOCK 6				
COURCES BRANCH /W/OPS53				•		
BUILDING 1100						
STENNIS SPACE CENTER, MS 39529	9-6000				* *	
AMANDA M. CAREY 228-688-1705			T(V) 0/	Amendmon	t of Solicitation	No.
3. Name and Address of Contractor (No., St	reet, County, and Zip Code)	•	(X) 9A	A. Amendmen	t or concitation	
SCIENCE APPLICATIONS INTERNA	TIONAL CORPO Vendo	of ID: 00004157	9E	B. Date (See I	tem 11)	
10260 CAMPUS POINT DRIVE	DUNS	S: 148095086				
			1 1		on of Contract/C	
MAIL STOP G2 SAN DIEGO CA 921211578	CAGE	E: 0T5L1			Q-1035 0018	}
SAN DIEGO CA JEIETTS / C			1 10	B. Date (See	Item 13)	
		•	S€	p 22, 2005		
Code	Facility Code		<u> </u>		<u> </u>	
	THIS ITEM ONLY APPLIES	TO AMENDMENTS C	OF SOLIC	CITATIONS		ded is not extended
The above numbered solicitation is amer	nded as set forth in item 14. Th	e hour and date spec	ified for r	eceipt of Offer	s ls exten	tellowing methods.
Offers must acknowledge receipt of this amen	dment prior to the hour and da	te specifica ili ule soi	iicitation (7 23 2111011000	2, 2, 0,,0 0,	each copy of the offer
a) By completing items 8 and 15, and returning	opies of the amen	oment; (b) by acknow	mondme	nt numbers F	All LIRE OF YO	OUR ACKNOWLEDG-
a) By completing items 8 and 15, and returning submitted; or (c) By separate letter or telegrang MENT TO BE RECEIVED AT THE PLACE DE	n which includes a reference to	OT OF OFFERS PRICE		HE HOUR AN	D DATE SPEC	IFIED MAY RESULT
MENT TO BE RECEIVED AT THE PLACE DE N REJECTION OF YOUR OFFER. If by virtue	SIGNATED FOR THE RECEI	to change an offer a	dready su	hmitted, such	change may be	e made by telegram or
N REJECTION OF YOUR OFFER. If by virtue etter, provided each telegram or letter makes	of this amendment you desire	d this amendment, ar	nd is rece	ived prior to th	ne opening hour	r and date specified.
etter, provided each telegram or letter makes	reference to the solicitation an	o uno amonament		<u> </u>		
12. Accounting and Appropriation Data (if rec						
\$ US -26,700.00	IS ITEM APPLIES ONLY TO I	MODIFICATIONS OF	CONTR	ACT/ORDERS	3.	
•	CONTRACTOR		:818617.11	VIII - IVII 14.		o in item 104
This change order is issued pursuant	to: (Specify authority) The ch	anges set forth in iten	n 14 are i	nade in the Co	ontract Order N	o. III telli 10A.
B. The above numbered Contract/Order	is modified to reflect the admin	istrative changes (su	ich as ch	anges in payin	ng office, approp	oriation date, etc.)
Cot fourth item 14 nursuant to the au	(nonty of FAR 43. 103 (b)					
C. This supplemental agreement is enter	ed into pursuant to authority of	f:				
D. Other (Specify type of modification an	d authority)					
FAR 52.243-2 CHANGES COS	TREIMBURSEMENI		ning to th	o incuing offic		
E. IMPORTANT: Contractor is not,	X is required to sign this docu	ment and return 5 co	tion/contr	e issuing one	etter where feas	sible.)
E. IMPORTANT: Contractor Is not, Is no	ganized by UCF section neadir	ngs, including solicitat	non/contr	00. 000,000. me		,
The first purpose of this modification is d	la access the volve of CI IN	0001 and CLIN 00	002 as fo	llows:		
						•
a. CLIN 0001 is hereby changed fi	rom \$2,254,157,28, to \$2,2	41,457.28, reflecti	ng a dec	rease of \$12	,700.	
Atimas						
1406D8R1DA1P15370301040002	.006000095000000251300	00000000 -\$12,70	0		•	
				e of \$14,000		
b CLIN 0002 is hereby changed fr	om \$800,373.09, to \$792,5	75.09, 101100ting u	000.000	- 02 42 .,		
Accounting: 1406D8R1DA1P15370301040002	006000050000000251300	00000000 \$12.700)			
1406D8R1DA1P15370301040002 1407E8M6J11PD5850404060012	.000000095000000251300 .006000095000000251300	00000000 -\$26. 70	0	•		
1407E8M6J11PD5850404000012	000000000000000000000000000000000000000	,			,	
except as provided herein, all terms and conditions of	the document referenced in item 9	A or 10A, as heretofore	changed, i	emains unchang	ged and in full fore	ce and effect.
	the doddinant rate and a	16A. Name ar	nd title of	Contracting O	fficer (Type or	Print)
5A. Name and Title of Signer (Type or Print)		MARILYN				28 688-2382
BONINIE BALNUM CONTRACTS REPRESENT	AT IC	Contractin				
CONTLAUD REPRESENT	** * · ·	marilyn.cla	ark@no	paa.gov		
	15C. Date Signed	16B. United S	tates of A	merica		16C. Date Signed
5B. Contractor/Offeror	,55. 54.0 5.9.100	I Alla	0	(V Qu_		Son 10 2007
Horne Larry	9/19/07	// (Signal	ture of &	ontracting Office	cer)	Sep 19, 2007
(Signature of person authorized to sign	1 / / / / /	CO 405	C/****		RD FORM 30 (F	(EV. 10-83)

NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE The second purpose of this modification is clean up CLIN 0001's INFORMATIONAL SUBCLINS as follows:

a. CLIN 0001AA is hereby changed from \$148,656.02, to \$149,068.12, reflecting an increase of \$412.10. Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$412.10

b. CLIN 0001AB is hereby changed from \$74,872.73, to \$74,798.18, reflecting a decrease of \$74.55. Accounting: 1405C2KC4BCPW734010704012200600009500000025130000000000 \$74.55

c. CLIN 0001AC is hereby changed from \$61,524.92, to \$57,448.36, reflecting a decrease of \$4,076.56.

1405C2KC4BCPW734010704012200600009500000025130000000000 \$4,076.56

d. CLIN 0001AD is hereby changed from \$5,970.00, to \$5,942.03, reflecting a decrease of \$27.97.
 Accounting:
 1405C2KC4BCPW734010704012200600009500000025130000000000 \$27.97

e. CLIN 0001AE is hereby changed from \$6,076.45, to \$6,047.98, reflecting a decrease of \$28.47.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$28.47

f. CLIN 0001AF is hereby changed from \$1,957,057.16, to \$1,948,152.61, reflecting a decrease of \$8,904.55.

Accounting:

1405C2KC4BCPW734010704012200600009500000025130000000000 \$3,795.45 1406D8R1DA1P1537030104000200600009500000025130000000000 -\$12,700

. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

		HEDULE	11-14	Unit Price	Amount
Item No.	Supplies/Services	Quantity	Unit	Offit Frice) I
0001	TASK ORDER 05-TOS-18 - TAO OPERATION AND ENGINEERING TRANSITION SUPPORT	:	1 ЛВ	2,241,457.28	2,241,457.28
	COST PLUS FIXED FEE				
	The intent of this line item is to cover a series of indefinite tasks associated with this project. This line item is to be triggered by operational needs and exercised by the Contracting Officer with a bilateral agreement between the Government and the Contractor by way of issuance of a Notice to Proceed (NTP) and subsequent acceptance. The				
	tasks include investigating and improving engineering and operational support required for achieving NDBC's full spectum of climate measurments on the TAO Buoys.				
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	The total value to accomplish this CLIN are \$2,241,457.28. This task is fully funded.				
)001AA	INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE DESIGN, INTEGRATION, AND TESTING OF TAO BUOYS	0	EA	0.00	0.00
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/01/2005-03/24/2006.				
	CPFF				
	The funds allotted to accomplish this task is \$149,068.12. This task is fully funded.				
001AB	INFORMATIONAL SUB-CLIN TAO OPERATION AND ENGINEERING TRANISITION SUPPORT FOR THE FABRICATION OF TAO ATLAS HULLS	0	EA	0.00	0.00
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.				
	CPFF				
	The funds allotted to accomplish this task are \$74,798.18. This task is fully funded.				,
:	INFORMATIONAL SUB CLIN				

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		CHEDULE Quantity		Unit	Unit Price	Amount
Item No.	Supplies/Services TAO OPERATION AND ENGINEERING	Quantity	0	EA	0.00	0.00
001AC	TAO OPERATION AND ENGINEERING TRANISITION SUPPORT FOR THE INTEGRATION AND DEPLOYMENT OF A 1.8M BUOY WITH PIRATA ARRAY					
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan (TMP). The period of performance for this task is 12/29/2005-03/24/2006.					
	CPFF					
	The funds allotted to accomplish this task are \$57,448.36. This task is fully funded.					
001AD	INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR THE COMPLETION OF SR 6109		0	EA	0.00	0.00
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with your proposal dated 01/04/2006. The period of performance for this task is 01/06/2006-03/24/2006.					
_	CPFF					
	The funds allotted to accomplish this task are \$5,942.03. This task is fully funded.				,	
001AE	INFORMATIONAL SUB CLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH	C	O	EA	0.00	0.00
	This line item shall serve as a Notice to Proceed (NTP) for this effort. Provide all labor and materials to accomplish this task in accordance with the attached Task Management Plan. The performance period for this task is 02/01/2006 to 03/24/2006.					
	CPFF				·	
	The funds allotted to accomplish this task are \$6,047.98. This task is fully funded.		}			
001AF	INFORMATIONAL SUBCLIN TAO OPERATION AND ENGINEERING TRANSITION SUPPORT FOR TAO SOFTWARE REFRESH	0		EA	0.00	0.00
	This line item shall serve as a continuation/consolidation of task order 3 and subclins 1-5 within task order 18. In addition, this line item shall provide all labor and materials to support design, fabrication, integration and deployment of TAO buoys and software					

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	SC	HEDULE			
Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	modifications. The performance period for this task is 03/25/2006 to 09/30/2007.				
	CPFF				
	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)			;	
	The total value to accomplish this task are \$1,948,152.61. This task is fully funded.				
)002	Task Order 18 - TAO Operations and Engineering Transition Support -FY07 Field Service Support	1	ЛВ	792,373.09	792,373.09
	COST-PLUS FIXED FEE				
	In accordance with the attached TMP, modification 9, version 1, the contractor shall provide all labor and materials to accomplish management and oversight of the Marine Observation Network.	•			
	The performance period for this task is 09/01/2006 to 09/30/2007.				·
·	FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)				
	The total value to accomplish this task are \$782,673.09. This task is fully funded.				

Title of Task Order:	Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support
NDBC Branch:	Program Planning & Integration
Performance Period:	1 Sept 2005 – 30 Sept 2006
Task Order Type:	CPFF
(FFP or CPFF)	
Purpose: (How this TO relate's to NDBC's Mission or	The purpose of this task order is to support operations and engineering transition of the TAO project from PMEL to NDBC.
What Problem needs to be solved)	
Dookground	The Tropical Atmosphere Ocean (TAO) array was established by
Background:	the Tropical Atmosphere Ocean (TAO) array was established by the Tropical Ocean-Global Atmosphere (TOGA) Program in the mid-1980's to enhance capabilities for monitoring and prediction of El Niño. With the absence of anticipated satellite-based surface wind measurements, a major reason for establishing the TAO array was to get better wind measurements to help improve NWP models. By 1994, the array spanned the Pacific between 8°S and 8°N with a nominal zonal spacing of 15 degrees between 137°E and 95°W.
	The NOAA Ship KA'IMIMOANA was commissioned in 1996 to service the array east of 165 E. In 1997, the U.S. Congress authorized long term, sustained support of the TAO array as part of an operational El Nino/Southern Oscillation (ENSO) observing system. By January 1, 2000, moorings west of 165 E were maintained with TRITON (Triangle Trans Ocean Buoy Network).
	The standard Autonomous Temperature Line Acquisition System (ATLAS) moorings are equipped with a surface wind sensor, air temperature and humidity sensors, SST sensor, and 10 sub-surface thermistors. Two pressure sensors are positioned nominally at 300 m and 500 m depths. Nominal thermistor depths vary: 20, 40, 60, 80, 100, 120, 140, 180, 300 and 500 m in the eastern half basin; 25, 50, 75, 100, 125, 150, 200, 250, 300, and 500 m in the western half basin, according to the changes in stratification across the equatorial Pacific. All moorings west of 165°E have been replaced by TRITON buoys and the 67-mooring array has been renamed the TAO/TRITON array. The data from nearby ADCP moorings are only available after the subsurface instruments are recovered. A full list of sensor accuracies and ATLAS sampling characteristics is

available at http://www.pmel.noaa.gov/tao/proj_over/.

As much of the technology is approaching 10 years of age concern of outdated equipment or components or lack of compatibility drives the concern for identifying and replacing outdated components thru each phase of the transition period.

Likewise concerns on software and base code support are large and updating software routine shall be identified and corrected throughout the transition phase. Concerns of proper configuration management of software are expected.

The TAO Project has assisted 45 researchers over the past 12 years in gaining access to TAO buoys during servicing cruises to further their scientific endeavors. NDBC will continue this tradition.

This task order specifically covers the support of transition of the TAO operations and engineering from PMEL to NDBC.

A major concern of both NDBC and PMEL is the impending obsolescence of the technology used in the current version of the TAO array. NTSC will draft a plan to "refresh" those components to ensure ongoing integrity of the TAO array in the near term. The technology refresh is defined here as applying engineering application to minimize the impact of obsolete components, thus continues to provide a low-cost and robust system.

Scope of Effort:

Because the TAO transition plan emphasizes the transition of the refreshed system, the scope of this task order is focused on the "refreshed" TAO buoy system based on the TAO refreshed plan.

It is requested that three refreshed TAO buoys be designed, integrated, documented, and tested. Subsequently, the TAO's Concept of Operations, operational procedures, and lab calibration (both pre- and post-calibrations, both met and ocean sensors) should also be set up for the refreshed systems.

This task order will also identify and provide personnel to participate in selected TAO service cruises per an NDBC-provided schedule. Participants are primarily responsible for observing, recording, and documenting the deployment activities to gain an understanding of future NDBC deployment responsibilities. Participants may also be asked to provide assistance to PMEL personnel on these cruises during this field service 'learning period'.

Tasks:

- 1. Design and Integrate three "refreshed" TAO buoys based on NDBC's TAO refresh plan.
- These TAO buoy systems will use the existing TOA buoy hull/structure, new AMPS data logger, COTS CTD sensors (with inductive modem), other refreshed sensors identified in the TAO refresh plan (i.e., compass, GPS, and Iridium), and the non-obsolescent sensors/equipments (e.g., wind speed/direction, air temp, relative humidity, barometer).
- The sensors and major equipments listed above will be GFE. However, power system and miscellaneous components will be fabricated and prepared under this task order.
- Conduct lab testing on the buoy systems.
- Prepare Level-B document and drawing packages for these systems.
- 2. Testing of the refreshed TAO buoys:
- Deploy the first refreshed TAO buoy in the Gulf of Mexico for the field test.
- Monitor the performance of the first refreshed TAO buoy and document the test results.
- The second and third refreshed TAO buoys will be shipped for deployment next to existing TAO buoys.
- Monitor the performance of the second and third refreshed TAO buoys and document the test results.
- 3. Identify participants and schedules for the TAO service cruises. Attend TAO service cruises (based on TAO's service schedule) to learn and assist operations of the TAO buoys. Develop procedures for TAO field operations (based on experience gained during service cruises and related documents).
- 4. Develop a high level TAO's Concept of Operations (CONOPS).
- 5. Prepare the calibration lab automation for both met and ocean sensor labs so both pre- and post-calibrations will be automatic and electronic files can be generated and imported to a data base system for further data processing.
- For the met lab calibration, the automation calibrations for the standard met sensors (i.e., wind speed/direction, air temp, air pressure, and relative humidity) were completed. It is requested that the calibration process be extended to include the sensor correction process (for pre- and post-calibrations).
- Develop and design the automation calibration conductivity and subsurface temperature sensors. Similar to the met lab calibration,

	the ocean lab calibration will include both automation sensor calibration and sensor correction.
	6. Support TAO engineering and operations team in Seattle.
	7. Get familiar with the TAO inventory and logistics systems/processes (e.g., managing and shipping equipment/systems to and from different locations in different countries) and develop/modify logistics execution plan. Details will be provided later as more transition action items are identified and executed.
	8. Investigate and improve engineering and operational support required for achieving the scope of climate quality measurements. Details will be provided later as more engineering design and tests are conducted and new technology is available.
Assumptions/ Constraints	- NDBC will arrange attendance of NTSC employees to TAO service cruises.
(Security, Safety, Accessibility, etc)	- The new data logger AMPS will be developed, tested, and delivered by PSI.
	- NDBC will arrange the visits to PMEL for both NDBC and NTSC personnel, if needed.
	- Ocean cal lab will be set up and ready to operate under a separate task order.
	- Locations of the field tests for the refreshed TAO buoys will be jointly determined by both NDBC and NTSC when the buoys are being integrated and the ship support schedules are known.
Deliverables:	1. Three integrated "refreshed" TAO buoy systems.
	2. Level-B documentation and drawing packages of the refreshed TAO buoy systems.
	3. Test plan and deployment of a refreshed TAO buoy system in the Gulf of Mexico (GOM).
	4. Test report of the first field test in GOM.
	5. Ship the second and third refreshed TAO buoys.
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- 6. Performance report of the second and third refreshed TAO buoys in the field.
- 7. Attendance and trip reports of TAO service cruises.
- 8. Procedures for TAO field operations.
- 9. TAO's Concept of Operations (CONOPS) report.
- 10. Expanded capability of met sensor lab automation (i.e., include correction processes for met sensors). Test report and procedures for expanded met lab automation.
- 11. Design review, test reports, test procedures, and operator's manual for lab automation for the conductivity and subsurface temperature sensors. The lab automation for these ocean sensors should include sensor calibration and correction processes).
- 12. Bi-weekly performance reports which summarizing both the actual and budgeted cost, schedule, and performance information from an earned value management (EVM) system and present the results of the earned value analysis.
- 13. As agreed, provide recommendations, implementation, and support for TAO inventory and logistics systems/processes.
- 14. As agreed, provide recommendations, schedules, implementation, and support efforts for potential improvements/upgrades of engineering and operational support required for achieving the requirements of collecting climate quality measurements.

GFE/GFI:

GFE/GFI is available to support this effort. GFE/GFI lists can be found by referring to Section J of the contract. The Government requests your technical proposal state whether you intend to utilize the available GFE/GFI. Your cost proposal shall reference whether you will use GFE/GFI and the cost impact of that decision.

Government will provide all the necessary equipment during the TAO engineering and operations transition

All of the TAO equipments and sensors for integration of the three "refreshed" TAO buoy systems (including buoy hulls/structures, the AMPS data loggers, CTD sensors, etc.) will be GFE.

Program Objectives/ Possible Performance Measures:	The Government requires this task order have performance-based measures that align with the Statement of Objectives and Program Goals contained in this solicitation. The contractor is required to provide a list of proposed measures for this task order with goals for level of service and the outcomes for achieving/not achieving those goals.
Inspection/Acceptance:	Final inspection and acceptance of all work performed, reports generated, and other deliverables will be conducted by the COTR or other designee.
Travel:	Travel is required to support this task order. The contractor shall provide cost estimates for all travel in the cost proposal and the travel expenses must comply with the Federal Travel Regulations.
Required information and/or submittals to be included in the required Task Management Plan (TMP):	 An Approach and Management Plan for tasks identified in this task order. Implementation Plan (IP) Work Breakdown Structure (WBS) Performance Specifications and metrics Cost, Schedule and Performance Metrics Task Order Cost Proposal Provide cost and resource breakdown based on tasks.

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SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

PERIOD OF PERFORMANCE: July 1, 2006 - September 30, 2007

TO TYPE: <u>CPFF</u>

CHANGE NOTICE: This TMP 18 Modification 9 Version 1 supersedes TMP 18 Mod 6 Version 4 in its entirety.

1.0 SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH:

1.1 General Scope:

In order to have a smooth transition of TAO field service from PMEL to NDBC and to comply with the schedule in the TAO transition plan, SAIC, with NDBC and PMEL assistance and coordination, will commence transition of field responsibilities starting 1 October 2006 (FY07) and will complete this transition and assume the field responsibilities for the TAO array starting 1 January 2007 (CY07).

Preparations for the FY07 transition will begin 3 months prior to 1 October 2006 as we begin the process of coordination of pre-cruise planning participation with PMEL. The cost estimate associated with the pre-cruise planning is broken down separately from the cost estimate for the whole of FY07 field service activities.

PMEL will provide one technician on each FY07 cruise to assist NTSC for the entirety of FY07.

Minor mechanical fabrication is required. We will assemble the moorings, GFE components and make minor modifications, repairs, or brackets as required.

Deliverable 5 will be coordinated between PMEL and NTSC with regard to the existing equipment and procedures. NTSC will coordinate shipments to and from NDBC, PMEL and the deployment vessel.

Studies currently in progress may lead to the adoption of alternative cruise plans featuring the use alternatives to the TAO legacy mission ports for upload and offloading the vessel.

Standard TAO Buoy recovery and deployment takes approximately 12 hours to complete, therefore overtime hours have been factored into each mission cost estimate for non-exempt employees and EWW for exempt personnel.

This document details the FY07 TAO field service responsibility plan, including the pre-cruise preparations that will occur during 4th quarter FY06.

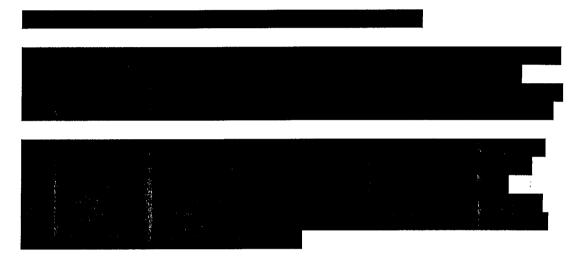
SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

We understand that NDBC may provide further direction and scope to achieve this mission.

1.2 Statement of Work:

1.2.1. Co-ordinate, with NDBC and the NOAA Corps Officer, TAO at-sea requirements



1.2.2. Appoint TAO Mission Lead for cruise co-ordination



- Establish communications with NDBC Lead and NOAA Ops Lead
- Report day-today progress for deployment preparations to SAIC Project Management
- Ensure Mission Team have all relevant documentation and certificates necessary for foreign travel and operation on NOAA vessels
- Ensure NOAA Ops have all relevant data and documentation as required
- Ensure Mission Team are fully aware of responsibilities and timelines
- As Mission Lead, inform NTSC Ops of travel requirements (Joyce Templet) for ALL team members

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

- Establish communications with NTSC logistics regarding shipping requirements and collation of TAO related materials pertinent to the assigned mission
- Provide early heads-up on any potential mission payload problems which may impact intended shipping schedule

1.2.3. Appoint deployment Team



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

Trip	Dates	Days	Team Members
1	10/05/06 - 11/03/06	34	2
2	10/08/06 - 12/04/06	59	2
3	11/05/06 – 12/02/06	28	2
4	03/27/07 - 04/29/07	38	2
5	05/04/07 - 06/08/07	36	3
6	07/11/07 - 08/07/07	31	3
7	08/11/07 - 09/06/07	27	2
8	09/19/07 - 10/28/07	40	3

Table 1



1.2.4. 1st Qtr FY 07 Preparation (Last Qtr FY 06): TAO Mission Managers to liaise/migrate PMEL planning knowledge to NDBC



SAIC TASK MANAGEMENT PLAN

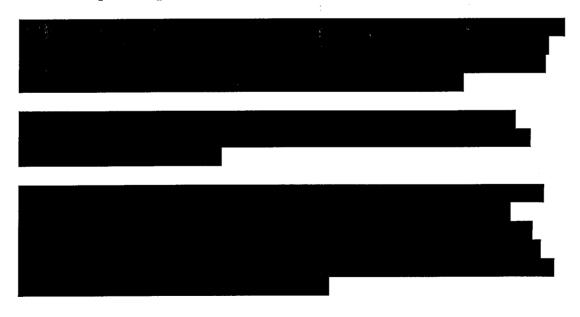
TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

1.2.5. FY 07: Team TAO to conduct the planning and execution effort for all remaining cruises



- supplies and equipment testing and refurbishment;
- preparation of team personnel and liaison with nominated local NDBC and NOAA points of contact at the discretion of the NTSC TAO Management Team;
- shipment preparation and timely notification and request for logistic and shipping support.
- timely shipment preparation and delivery of all mission supplies and equipment to and from designated upload ports;
- liaison with the nominated Mission Lead in the execution of the overall Mission Preparedness Plan;
- overseas travel availability.

1.2.6. Co-ordinate TAO logistic requirements with NOAA – Deemed Exports/Export Administration Regulations (EAR)



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

1.2.7. 2nd – 4th Qtrs FY07 Integrate and test all TAO mechanical components for all missions – liaise with PMEL

NTSC will be responsible for deployment of all buoy components.

NTSC will be responsible for shipping of all mechanical and consumable components not supplied by PMEL.

NTSC will use consumable components procured under separate tasking as outlined in Table 2. NDBC will procure non-consumable items based on the information provided by PMEL on TAO contracts and specs (including towers, bridles, buoys, lead weights, acoustic releases, and any other mechanical components).

	<u>Consumable</u>	Quantity
	6000lb Anchors	8
	4500lb Anchors	50
	Synthetic Spools	116
	5/8" Shackles	1920
	1/2" Chain	464
	7/8" Shackle	58
	1" Shackle	116
	1" Chain	58
	1/2" Chain	116
i	20% Replacement I	tems
	3/4" Nylon Rope	100
	Synthetic Spools	200
	Fairings	1440
	5-ton Swivels	12
i	3-ton Swivels	12

Table 2



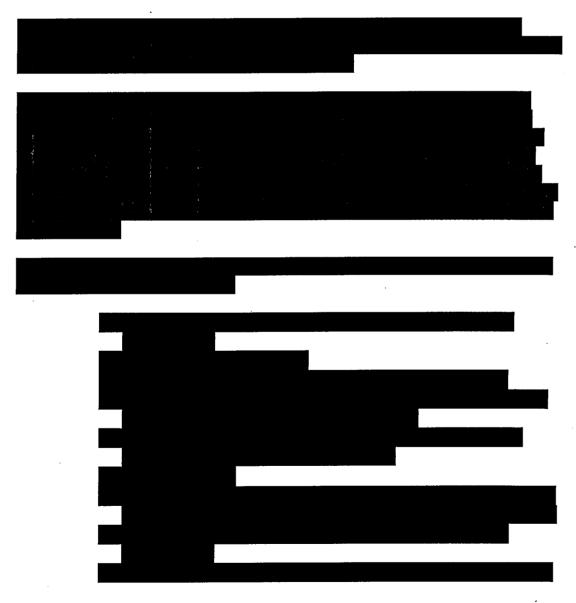
SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service



1.2.8. Capture TAO Deck Operations knowledge and migrate from PMEL to NDBC

NTSC will continue to gain experience across the whole Team TAO structure during CY06 by attending each TAO Mission with at least two personnel.

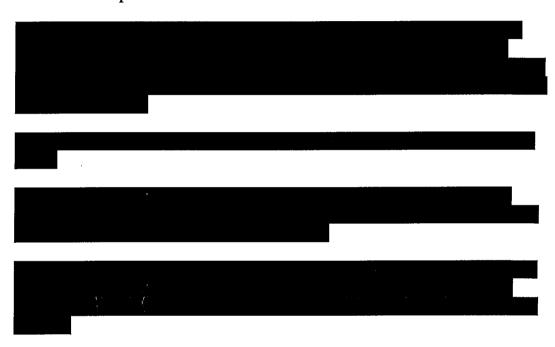


SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service



1.2.9. Train Technicians on PMEL TAO components, configuration setup and repair.



1.2.10. Learn process for ship's installed ADCP data distribution

Team TAO Management will document the process for ADCP data distribution from PMEL and NOAA Ops for adoption and responsibility for implementation by 2nd Otr FY07.

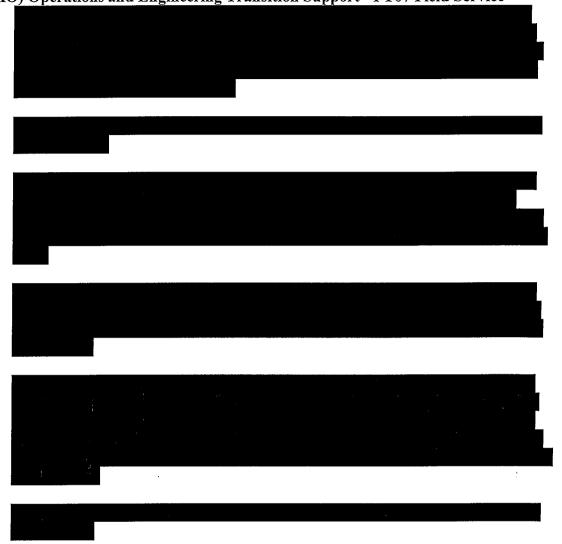


1.2.11. Train Technicians to perform CTD casts and data dissemination

NTSC Team TAO will import legacy knowledge from PMEL concerning the CONOP for CTD observations.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service



1.2.12. IT Department to maintain TAO-related Website for NOAA Vessel KA'IMIMOANA



• Transfer PMEL TAO Website maintenance functions to NDBC

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

- Maintain most recent data on site
- Develop short and long term archive storage of published Website material
- 1.2.13. 1st Qtr 07: NTSC TAO Project Management Team to liaise with PMEL to familiarize with and migrate logistic and shipping functions to NDBC



- Conduct fact-finding visit to PMEL
- Develop TAO Inventory & Logistics Management Plan
- Define Logistics Requirements
- Develop Logistics Procedures
- Develop TAO Shipping Procedures
- Define Inventory Management Requirements
- Develop Inventory Management Procedures
- Draft TAO I&LM Plan
- Finalize TAO I&LM Plan
- Deliver TAO I&LM Plan
- 1.2.14. Assume responsibility for all dockside loading and unloading functions on the *Ka'imimoana* and *Ron Brown* TAO cruises in CY07



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

- Confirm w/NOAA Ops appropriate wharfage at delivery site clear, unobtrusive, secure, away from main dockyard activity, costeffective, nearby covered storage
- Understand limitations of vessel and storage requirements for full payload; discuss with Ship's Command (CO/XO)
- Arrive & Inventory equipment at sailing location
- Establish communications with local Shipping Agent/Customs
 Officers
- Load equipment onto ship
- Build systems in stands for onboard burn-in / checkout
- Call Data Analysts about each system pre-deploy burn-in
- Conduct Pre-Sail Inventory (Confirm Post Mission Inv + Add New Inventory)
- Execute positive handover of mission payload (onload/offload) between embarking Lead Technician/disembarking Lead Technician
- Disembarking Lead Technician to lead and supervise loading of returning shipment to NDBC confirm manifest when loaded and bonding complete
- 1.2.15. CY07: Assume responsibility for <u>all TAO</u> mission shipments and logistic support (this includes shipping of all TAO material from PMEL and payload/sensors back to PMEL)

Note: NDBC may wish to re-address this task after discussion with PMEL



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service



NTSC is responsible, in accordance with the FSRP, to execute and fund all TAO mission shipping.

- Begin preparing shipment.
- Submit mission shipping / transportation requirements to Logistics Dept.
- Confirm w/NOAA Ops appropriate wharfage at delivery site clear, unobtrusive, secure, away from main dockyard activity, costeffective, nearby covered storage
- Confirm Transportation Schedule
- Ensure that Fork Lift and Port Service Resources are available to unload trucks / containers
- Check on shipment using tracking number(s) to ensure it is in transit. - Get Delivery Date / Location
- Confirm with shipping agent shipment receipt



1.3 Management Approach:



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service 1.3.1

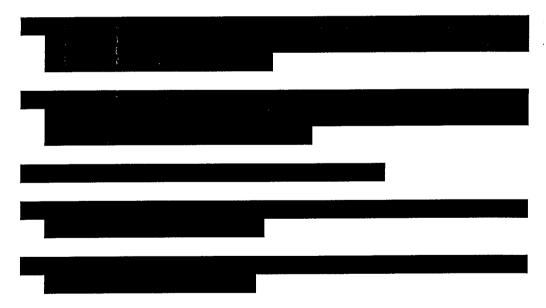


1.4 WBS layout (See attached file)

The WBS for this task order uses the template developed by SAIC for this contract year. The tasks are organized by deliverable. The tasks required to complete the deliverables are contained under the deliverable summary task.

2.0 ASSUMPTIONS and/or DEVIATIONS:

2.1 Assumptions:



2.2 *Deviations:*

None

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service 3.0 SCHEDULE:

The gantt chart for this task order has not been scheduled. NTSC will work with NDBC after the acceptance of this task order to schedule each task. The deliverable dates below are what NTSC understands to be NDBC target dates.

3.1 Program Performance Schedule:

A work breakdown structure is shown in the attachments.

3.2 Delivery Schedule:

	Due Day
Deliverables/Submittals	Due Date
1. Cruise reports	2 weeks after return to SSC
2. Procedures for TAO Field Operations	06.30.07
3. Bi-weekly performance reports	Reports starting 2 weeks after SAIC acceptance of task order
4. Recommendations, schedules, support and implementation for improvements and upgrades	To be coordinated with NDBC
5. Coordination and management of logistics and transportation requirements for TAO materials to/from both NDBC and PMEL.	In accordance with NOAA cruise schedule
6. Transfer PMEL TAO Website maintenance functions to NDBC	01.30.07
7. Draft Cruise Instructions	2 Months Prior to Cruise
8. Final Cruise Instructions	1 Month Prior to Cruise
9. Prepare to service 59 TAO moorings (55 TAO ATLAS buoys and 4 TAO ADCPs) and associated spares for all TAO cruises to meet ship deployment schedules.	In accordance with NOAA Fleet schedule support for TAO operations.

SAIC TASK MANAGEMENT PLAN

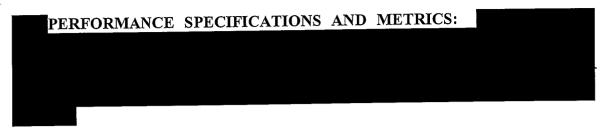
TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service

4.0 DELIVERABLES:

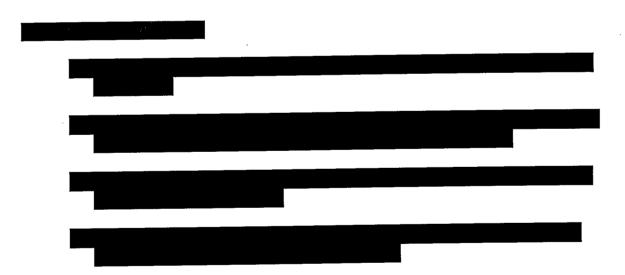
Deliverables/Submittals	Acceptance Criteria
1. Cruise reports	Upon submission
2. Procedures for TAO Field Operations	Upon submission
3. Bi-weekly performance reports	Upon submission
4. Recommendations, schedules, support and implementation for improvements and upgrades	Upon submission
5. Coordination and management of logistics and transportation requirements for TAO materials to/from both NDBC and PMEL.	Upon agreed schedule
6. Transfer PMEL TAO Website maintenance functions to NDBC	Upon submission
7. Draft Cruise Instructions	Upon submission
8. Final Cruise Instructions	Upon submission

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service



Metric	Weight	Performance measures (for associated fee levels)



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 CLIN 2 for Tropical Atmosphere Ocean (TAO) Operations and Engineering Transition Support - FY07 Field Service 6.0 KEY PERSONNEL:

The following personnel are considered key for this TO:



- 7.0 COST PROPOSAL: See Attached
- **8.0 PAYMENT TERMS:** Invoices shall be submitted upon completion of each SAIC accounting period. Payment shall be made within 30 days.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

PERIOD OF PERFORMANCE: March 25, 2006 through March 31, 2007

TO TYPE: <u>CPFF</u>

1.0 SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH:

1.1 General Scope:

This task order provides for modifications to existing software systems to enable data receipt, processing and display for the next generation of buoys implemented within the TAO array. It modifies the shore-side processing system to receive and process Iridium short burst data streams received from the next generation AMPS payload that is being integrated into NDBC-deployed TAO buoys. It also implements an inventory and calibration subsystem for the management of buoy parts and the calibration coefficients specific to the various sensors. And, it modifies displays to accommodate new sensor types.

This effort is required to complete the integration, verify operational capabilities through parallel testing and to enhance the TAO Data System. Features to be worked on include establishing strong configuration management and change control processes, enhanced TAO data processing, display and delivery mechanisms, and consolidated QA/QC procedures for both real-time and delayed mode processing.

As part of the TAO program transition and technology refresh process, SAIC will build and deploy TAO buoys. The engineering and integration for this effort was previously completed in separate tasking; this effort provided the buoys, masts, and bridles – and hardware – necessary to build three separate buoys, and associated jigs to replicate future fabrication work.

We understand NDBC plans to build and test a refreshed TAO buoy with enhanced reporting capabilities using Iridium for data telemetry. The buoy will consist of GFE equipment except the power system which SAIC will develop. The electronics will need to be integrated and tested end-to-end prior to test in the GOM and side-by-side tests in the TAO array. Shore side data systems will be modified to process the data in a prototype fashion for evaluating buoy sensors and systems. This testing will not impact side-by-side testing of the IT portion that is presently underway.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

To support TAO requirements and enhance NDBC's data accuracy, capabilities will be added to the ocean calibration lab and certain NDBC MET sensor testing to add pre-deployment and post-deployment calibration capabilities.

A high level concept of operations (CONOPS) for the TAO program will be developed. We plan to coordinate with NDBC team members and management to write this document.

To understand and develop a CONOPS, the PMEL inventory and logistics systems and processes will need to be studied and understood. A team will need to travel to Seattle on more than one occasion to learn the processes.

We understand that NDBC may provide further direction and scope to achieve this mission.

1.2 Statement of Work:

1.2.1 TAO Transition Support and Parallel Testing



1.2.2 TAO Specific Configuration Management Development

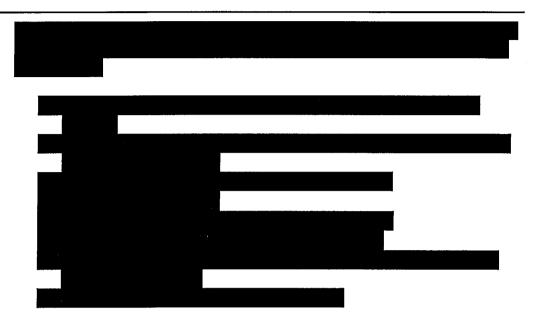


1.2.3 TAO Data Display and Delivery Enhancement

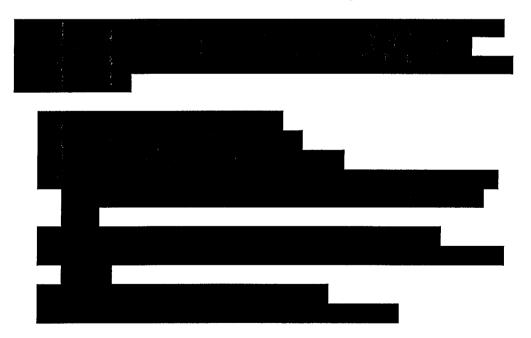


SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3



1.2.4 Real-time and Delayed Mode QA/QC Development



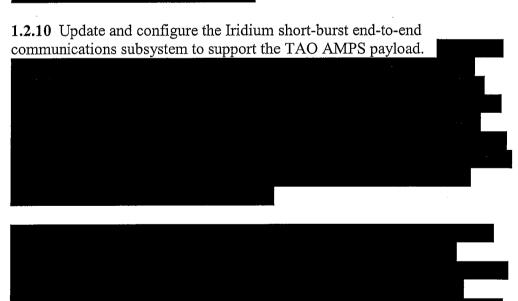
1.2.5 Documentation

All required documentation will be updated to reflect the final as-built system. Included will be a Detailed Architecture Document that will enable us to support the system long term.

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

- **1.2.6** Support the following TAO-refresh activities:
 - TAO System Gulf of Mexico (GOM) deployment 28 April 06
 - TAO System Pacific Ocean deployment 30 May 06
 - TAO System PDR around 22 February 06
 - TAO System CDR around 30 March 06
 - TAO System CONOPS around 30 April 06
- **1.2.7** Modify the TAO shore-side processing software to support the new reporting capabilities provided by the AMPS payload.
- **1.2.8** Modify the data archiving capability to handle data received from the AMPS payload.
- 1.2.9 Develop a calibration and inventory software subsystem to support TAO buoys.

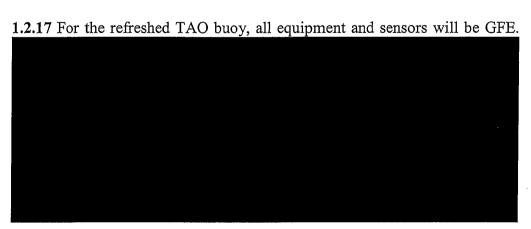


1.2.11 Modify the NDBC Real-time processing system to:

SAIC TASK MANAGEMENT PLAN

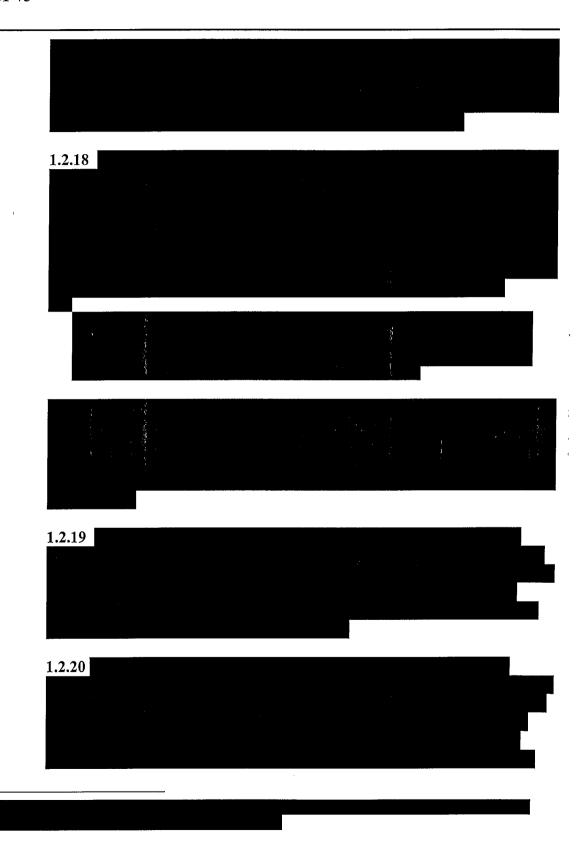
TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

- Process TAO AMPS data. Processing includes the decoding of the data as received from the buoy and automated quality control of the data.
- Encode the data into an FMXX formatted message to enable release of the TAO data via GTS (hourly transmissions and a once daily average).
- Establish data feeds to enable the NDBC TAO web pages with TAO AMPS data.
- **1.2.12** Modify the NDBC TAO Web pages to integrate data provided via TAO AMPS with current ARGOS based graphics/data.
- **1.2.13** Develop delayed mode processing procedures for AMPS data (to address any communications outages and/or any data that may not be provided in real-time).
- 1.2.14 Develop, document, and implement quality assurance (QA) and quality control (QC) procedures for the TAO AMPS data.
- **1.2.15** Provide documentation updates to the following documents:
 - TAO Detailed Architecture Document.
 - TAO Software Requirements Specification.
 - TAO DMAC QA/QC Operating Procedures Manual.
 - TAO Functional Configuration Audit.
 - TAO Physical Configuration Audit.
- **1.2.16** Provide software correction/development support for AMPS-related and NDBC TAO buoy issues.



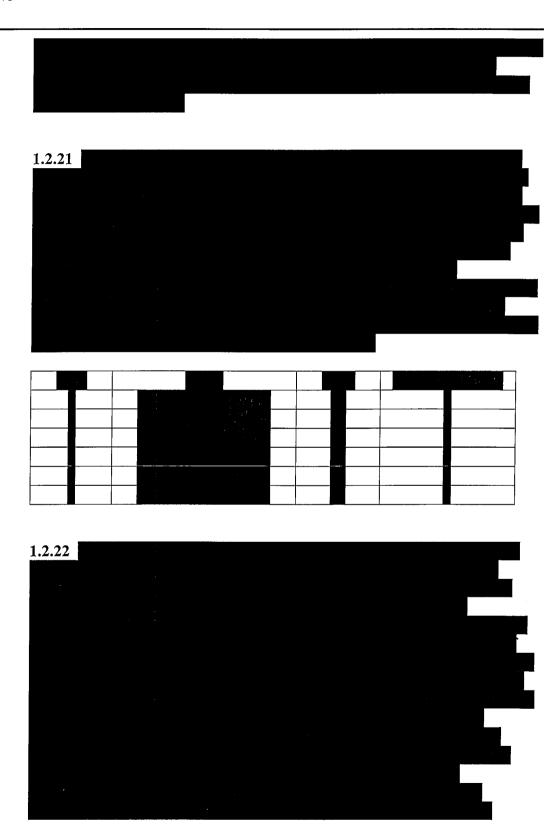
SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3



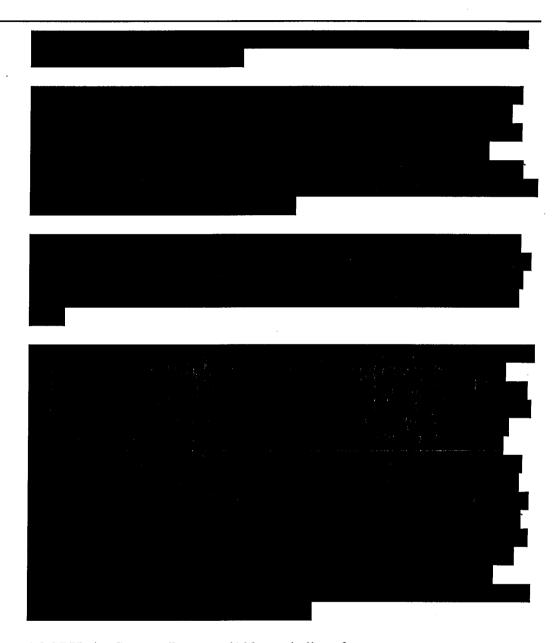
SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3



1.2.25 Under Support Request 6109 we shall perform:

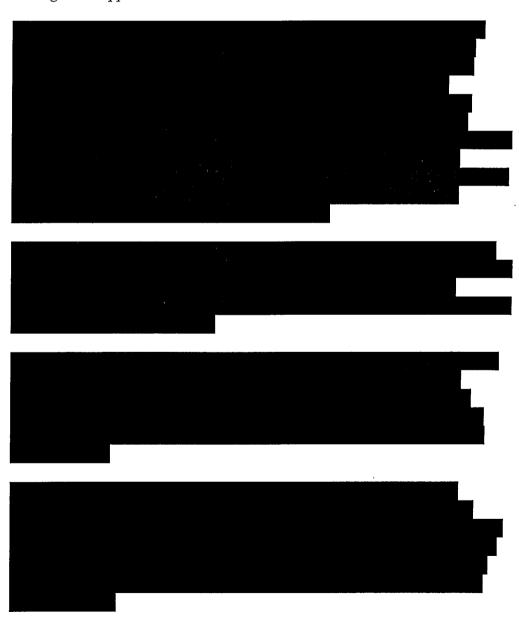
- modify the web data feed to collect and store oceanographic data at multiple depths for the same observation time;
- modify the station page on the web to display these data at multiple depths;
- modify the web ocean plot to produce stacked time series plots (5-days) when multiple depths are encountered in the ocean data;
- modify the web historical data extract to extract these data for multiple depths and store them in the web historical data files;

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

- modify the measurement description page to document oceanographic measurements at multiple ocean depths. These modifications may require some sort of detiding algorithm or some sort of grouping of related depths;
- modify DODS to accommodate these multiple ocean depths in its data files.

1.3 Management Approach:



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3



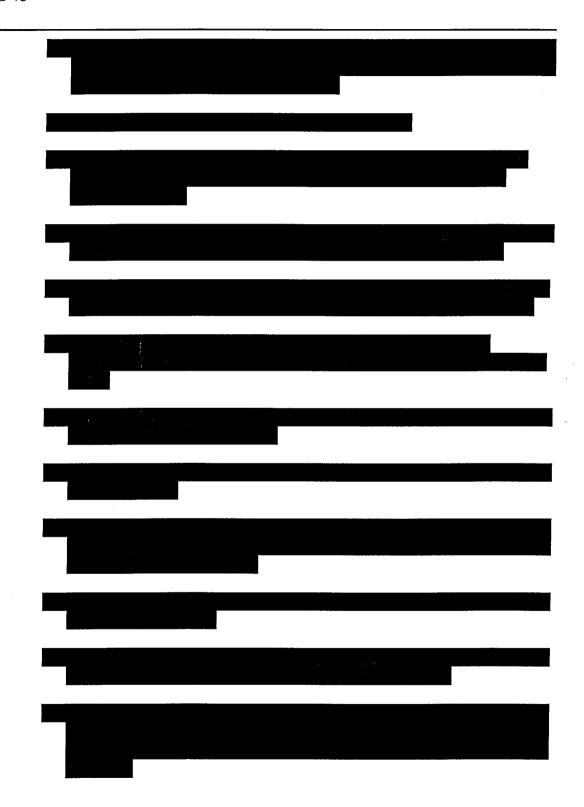
1.4 WBS layout (See attached .mpp file)

2.0 ASSUMPTIONS and/or DEVIATIONS:

2.1 Assumptions:



SAIC TASK MANAGEMENT PLAN



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3



2.2 Deviations: None Anticipated

3.0 SCHEDULE:

3.1 Program Performance Schedule: See Attached (.mpp file)

3.2 Delivery Schedule:

Deliverables/Submittals	Due Date
1. TAO shore side AMPS payload software	04.15.06
2. TAO Inventory and Calibration AMPS	08.31.06
software	
3. TAO Real-time software modifications	04.30.06
4. TAO Web page modifications	05.31.06
5. TAO Iridium communications	04.15.06
6. Updated High Level Architecture Document	05.31.06
7. Updated TAO Detailed Architecture Document	08.31.06
8. Updated Refreshed TAO Software	04.30.06
Requirements Specification	
9. Updated All TAO Software Requirements	08.31.06
Specification	
10. Updated TAO DMAC QA/QC Operating	08.31.06
Procedures Manual	
11. Updated Functional Configuration Audit	03.31.06
	06.30.06
	09.30.06
12. Updated Physical Configuration Audit	03.31.06
	06.30.06
	09.30.06
13. Requirements Specification for the Data	03.29.06
Delivery and Processing of TAO, DART, AIS	
and FTP Data	
14. Five integrated "refreshed" TAO buoy	03.01.07
systems.	

SAIC TASK MANAGEMENT PLAN

Deliverables/Submittals	Due Date					
15. 1 st GOM buoy ready assuming all GFE	05.28.06					
delivered by 04.28.06	24.20.05					
16. Level B docs for TAO buoys	04.28.06					
17. TAO Test plan for GOM deployment	02.28.06					
18. GOM test report	07.28.06					
19. 2 nd GOM buoy ready for deployment	07.21.06					
20. Chilean buoy (3 rd refresh TAO) ready for	10.01.06					
deployment						
21. 4 th and 5 th refreshed TAO buoys ready for deployment in the Pacific TAO array	02.28.07					
22. Performance report for refreshed TAO buoys in the TAO array (transmitted data only)	3 months after deployment					
23. Cruise reports	2 weeks after return to SSC					
24. Procedures for TAO Field Operations	09.30.06					
25. TAO CONOPS Document	04.30.06					
26. MET testing pre and post calibration capability	08.01.06					
27. Ocean testing pre and post calibration capability	2 months after establishment of ocean CAL lab.					
28. Bi-weekly performance reports	Reports starting 2 weeks after SAIC acceptance of task order					
29. TAO Inventory and Logistics systems and Management processes Plan document (ILMP)	07.31.06					
30. Recommendations, schedules, support and implementation for improvements and upgrades	To be coordinated with NDBC					
31. SR6109	April 15, 2006					
Reports:						
Status reports identifying progress, problem areas and status (included as part of the Technology Development Weekly Activity Report).	Weekly as part of New Technology WAR					
Performance reports delivered which summarizes both the actual and budgeted cost, schedule, and performance information using earned value management techniques and present the results of the earned value analysis	Bi-Weekly - four days following the end of a period					

SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3

Deliverables/Submittals	Due Date
SR Status Report	Monthly within 5 business days of the new month
Parallel Test Reports	Monthly within 5 business days of the new month

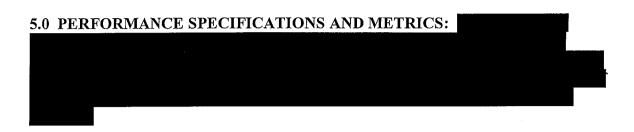
4.0 DELIVERABLES:

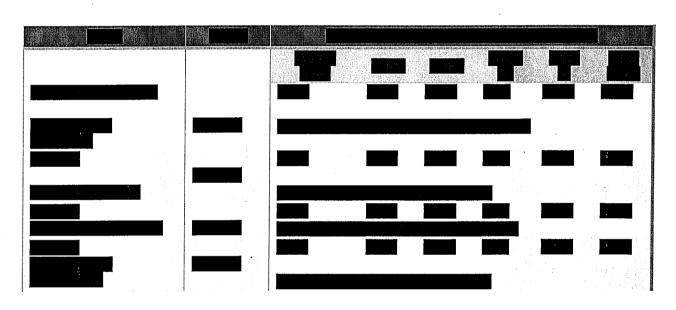
Deliverables/Submittals	Acceptance Criteria
1. TAO shore side AMPS payload software	Verification of testing and approval to
	put into production
2. TAO Inventory and Calibration AMPS	Verification of testing and approval to
software	put into production
3. TAO Real-time software modifications	Verification of testing and approval to
	put into production
4. TAO Web page modifications	Verification of testing and approval to
	put into production
5. TAO Iridium communications	Verification of testing and approval to
CTT 1 / 1 m A O TT 1 T 1 A 1 '	put into production
6. Updated TAO High Level Architecture	Upon Submission with one review
Document	round
7. Updated TAO Detailed Architecture Document	Upon Submission with one review
	round
8. Updated TAO Software Requirements	Upon Submission with one review
Specifications	round
9. Updated All TAO Software Requirements	Upon submission following one
Specification	review cycle
10. Updated TAO DMAC QA/QC Operating	Upon submission following one
Procedures Manual	review cycle
11. Updated FCA	Upon Submission
12. Updated PCA	Upon Submission
13. Requirements Specification for the Data	Upon submission following one
Delivery and Processing of TAO, DART, AIS	review cycle
and FTP Data	
14. Five integrated "refreshed" TAO buoy	Upon completion
systems.	
15. GOM buoy ready assuming all GFE delivered	Upon completion
by 04.28.06	
16. Level B docs for TAO buoys	Upon submission (one NDBC review)

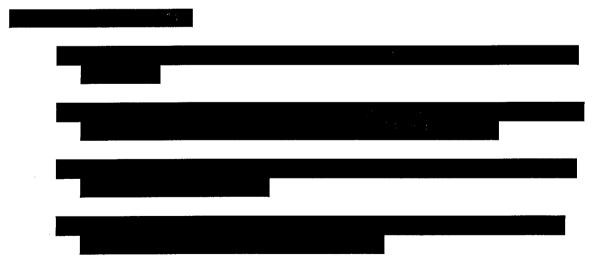
SAIC TASK MANAGEMENT PLAN

Deliverables/Submittals	Acceptance Criteria
17. TAO Test plan for GOM deployment	Upon submission (one NDBC review)
18. GOM test report	Upon submission (one NDBC review)
19. 2 nd GOM buoy ready for deployment	Upon completion
20. Chilean buoy (3 rd refresh TAO) ready for deployment	Upon completion
21. 4 th and 5 th refreshed TAO buoys ready for deployment in the Pacific TAO array	Upon completion
22. Performance report for refreshed TAO buoys in the TAO array (transmitted data only)	Upon submission (one NDBC review)
23. Cruise reports	Upon submission
24. Procedures for TAO Field Operations	Upon submission
25. TAO CONOPS Document	Upon submission (one NDBC review)
26. MET testing pre and post calibration capability	Upon completion
27. Ocean testing pre and post calibration capability	Upon completion
28. Bi-weekly performance reports	Upon submission
29. TAO inventory and logistics systems and	Upon submission
processes	
30. Recommendations, schedules, support and	Upon submission
implementation for improvements and upgrades	
31. SR6109	Upon competition

SAIC TASK MANAGEMENT PLAN



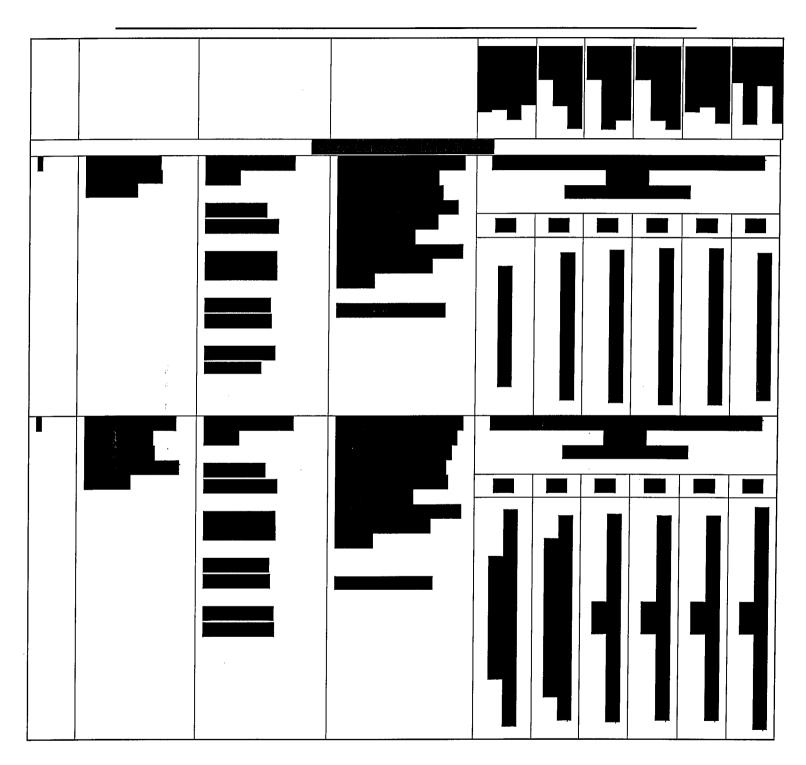




SAIC TASK MANAGEMENT PLAN

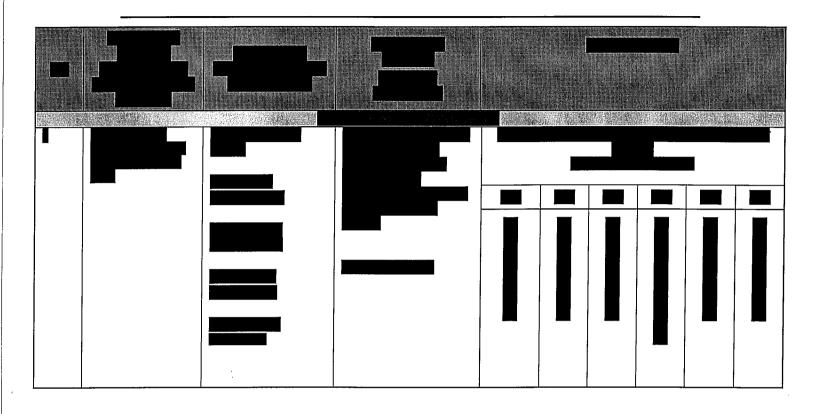


SAIC TASK MANAGEMENT PLAN



SAIC TASK MANAGEMENT PLAN

TASK ORDER RFP SOW: 05-TOS-18 for TAO Software Refresh Engineering-0001-v3



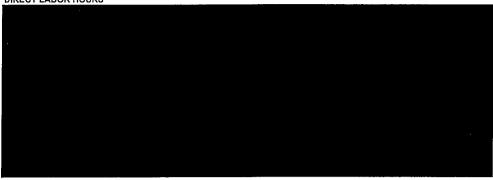
6.0 KEY PERSONNEL: The following personnel are considered key for this TO:



- 7.0 COST PROPOSAL: See Attached
- **8.0 PAYMENT TERMS:** Invoices shall be submitted upon completion of each SAIC accounting period. Payment shall be made within 30 days.

TASK ORDER #18
Tropical Atmosphere Ocean (TAO) Operations & Engineering Transition Support (Revised)
POP: 07/01/05 -09/30/06
Tasks 1-7

CONTRACT YEAR 1 DIRECT LABOR HOURS



CONTRACT YEAR 2 DIRECT LABOR HOURS



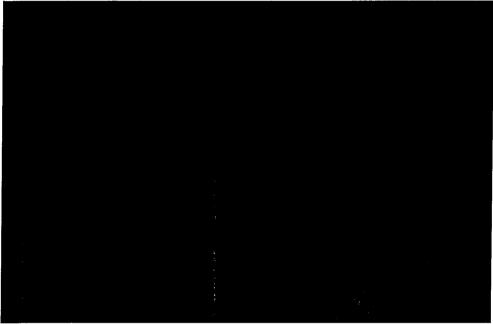
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TASK ORDER #18
Tropical Atmosphere Ocean (TAO) Operations & Engineering Transition Support (Revised)
POP: 07/01/05 -09/30/06
Task 8

CONTRACT YEAR 1 DIRECT LABOR HOURS

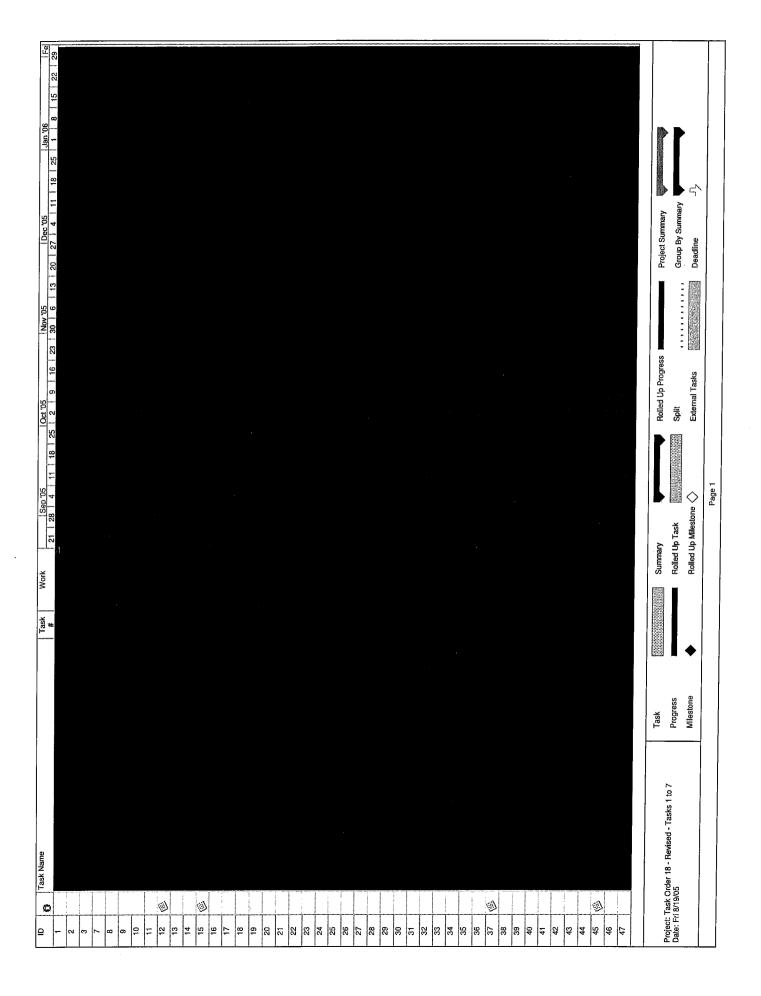


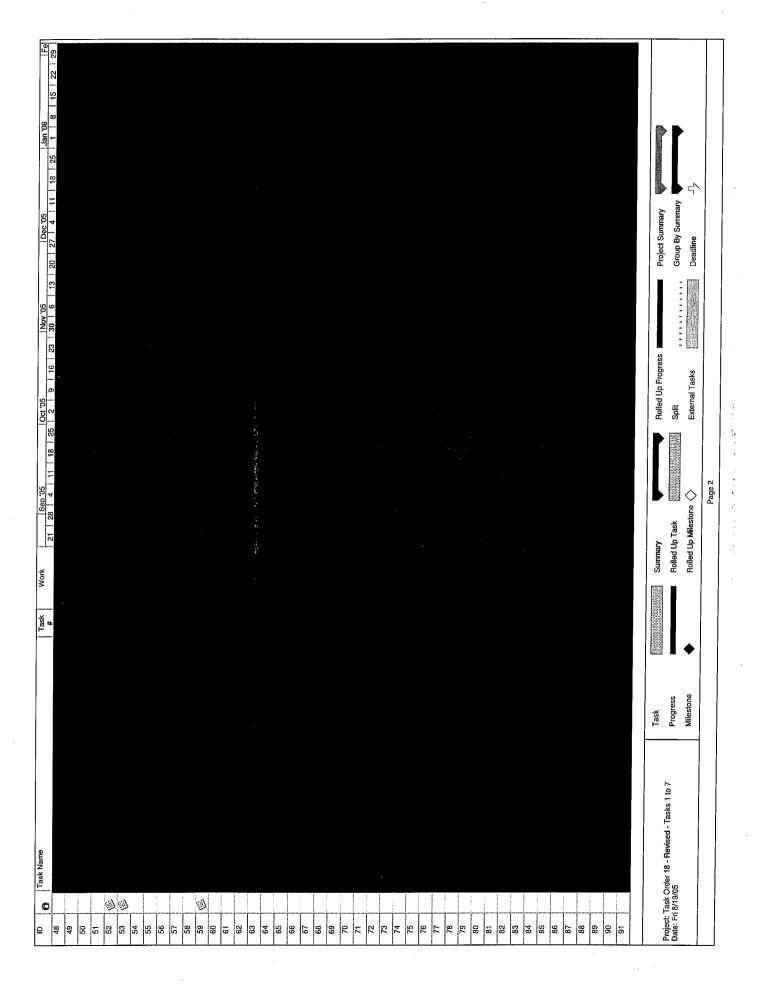
CONTRACT YEAR 2 DIRECT LABOR HOURS

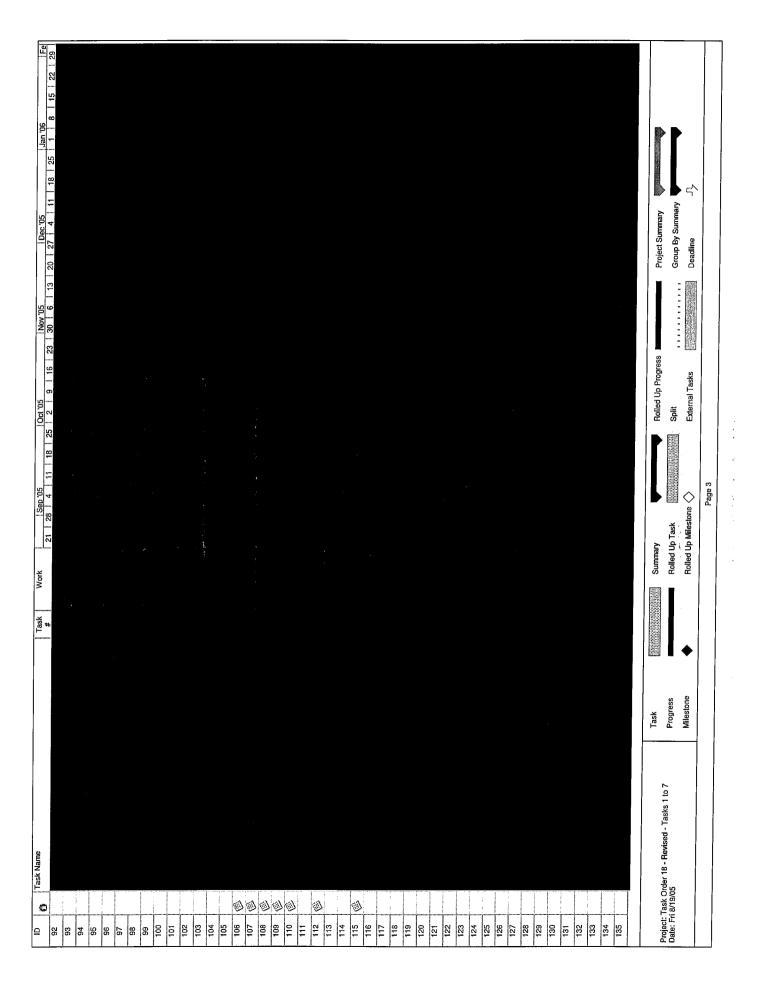


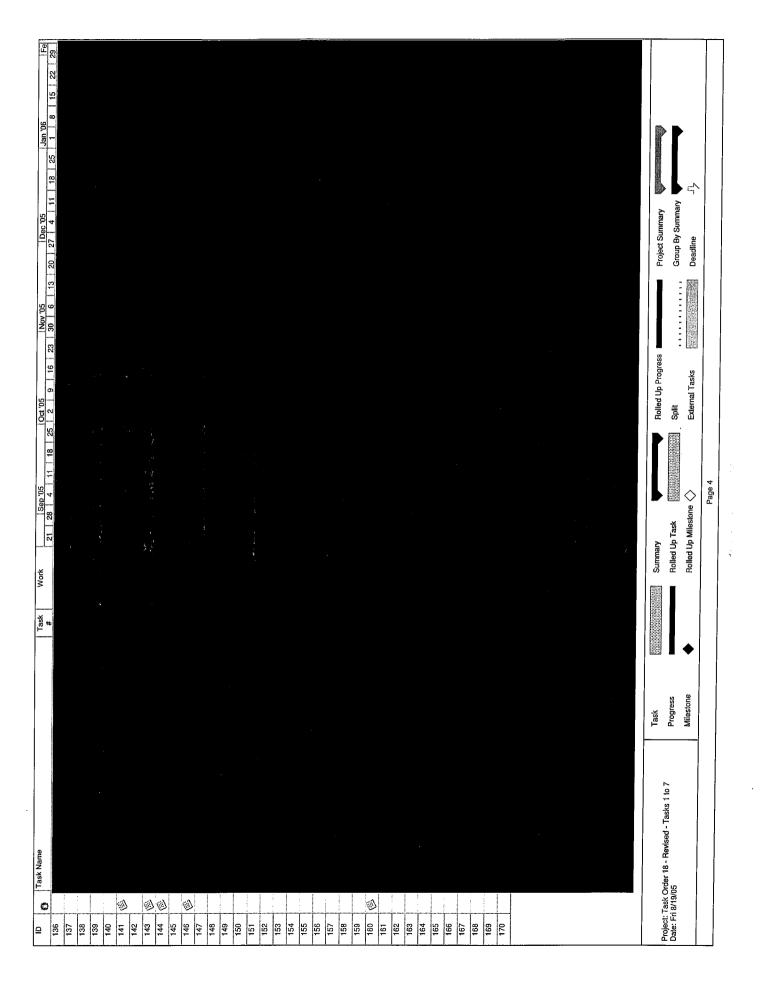
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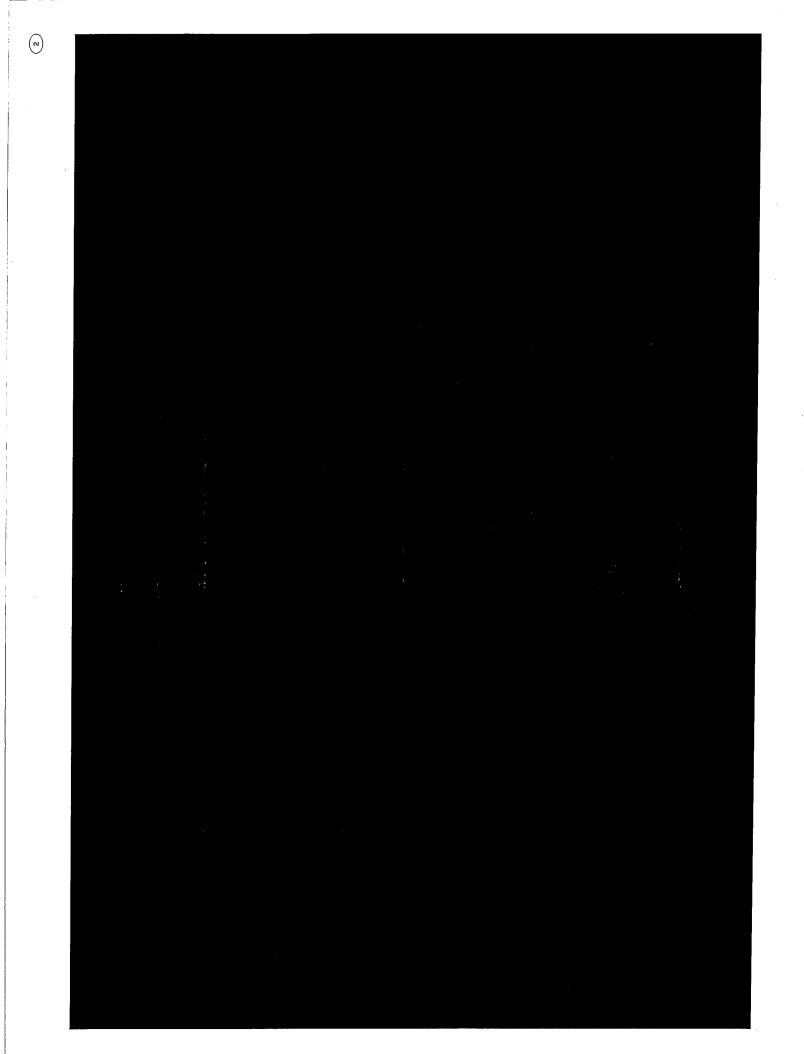


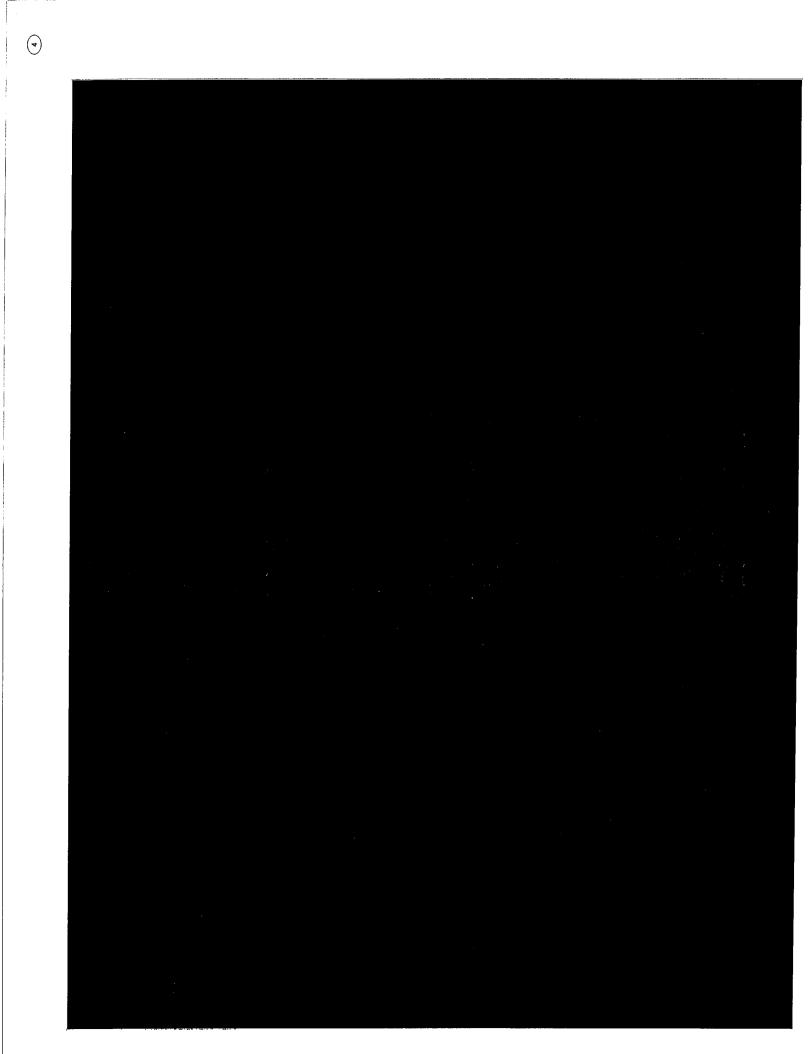






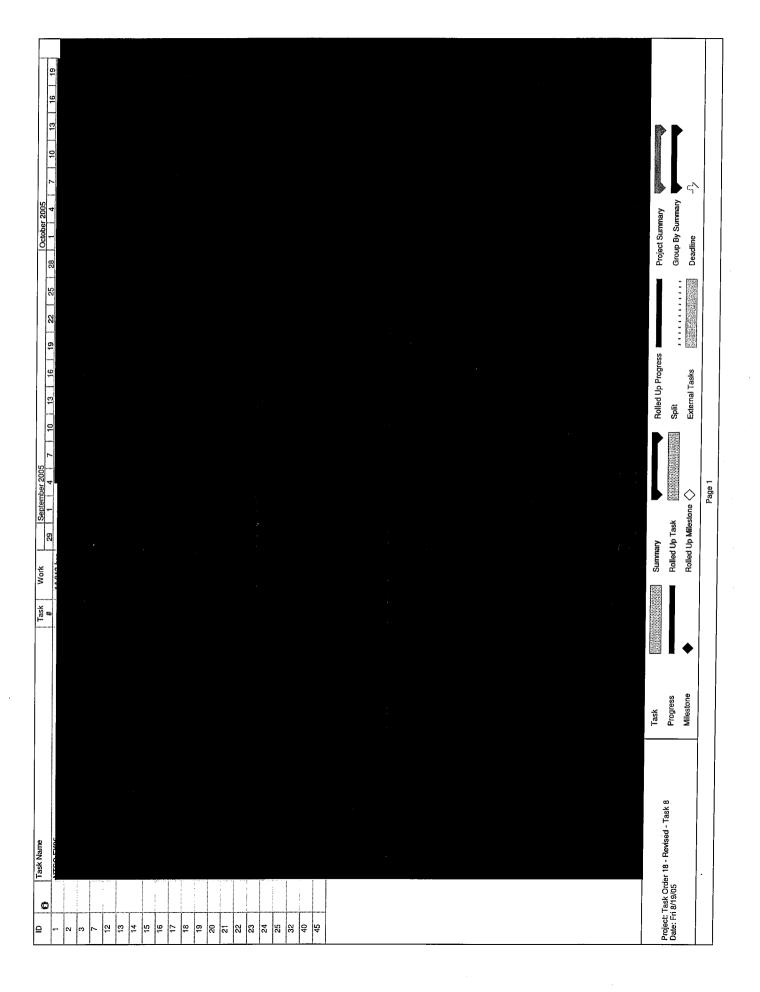
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